

## Consolidated Statement of Financial Position (In millions of colones)

#### As of March 31, 2019 and December 31, 2018

<u>Assets</u>		2019 (Without audit)		
Non-current assets:				
Property, plant and equipment, net	¢	4,991,403	5,023,345	
Intangible assets, net		90,240	91,684	
Equity investments		30,750	30,768	
Notes and other accounts receivable, net		3,091	2,994	
Investments in financial instruments		116,901	121,338	
Assets by deferred tax		395	395	
Guarantee and Savings Fund		223,233	222,212	
Total non-current assets		5,456,013	5,492,736	
Current assets:				
Inventories, net		102,900	112,366	
Notes and other accounts receivable, net		93,420	95,312	
Temporary investments		72,947	53,451	
Restricted funds		1,581	1,017	
Trade receivables, net		145,458	123,398	
Prepaid expenses		35,044	50,771	
Other assets		493	79	
Cash and cash equivalents		371,573	138,655	
Total current assets		823,416	575,049	
Total assets	¢	6,279,429	6,067,785	
Draliminary translation				

Preliminary translation

The notes are an integral part of the consolidated financial statements

## Consolidated Statement of Financial Position (In millions of colones)

#### As of March 31, 2019 and December 31, 2018

Liabilities and equity		2019 (Without audit)	2018 (Audit)	
Equity:				
Paid-in capital	¢	155	155	
Other reserves	51	15,064	14,750	
Restricted retained earnings from capitalization of shares in subsidiary		62,380	62,380	
Actuarial gain (loss)		22,601	22,620	
Income from investments in other companies		33	66	
Valuation of non-derivative financial instruments and hedges		(34,162)	(41,786)	
Retained earnings		318,862	318,559	
Development reserve		2,254,056	2,253,159	
Déficit, net		(11,941)	7.	
Equity attributable to owners of ICE		2,627,048	2,629,903	
Minority interests		5,739	5,739	
Net equity	¢	2,632,787	2,635,642	
Liabilities:				
Non-current liabilities:				
Securities payable		1,195,105	1,211,765	
Loans payable		871,217	887,060	
Finance lease obligations		483,676	488,057	
Employee benefits		45,284	42,657	
Accounts payable		8,470	7,605	
Prepaid income		6,365	6,495	
Guarantee and Savings Fund		223,233	222,212	
Liabilities by deferred tax		106,289	106,289	
Other provisions		293	347	
Other liabilities		54,376	53,967	
Total non-current liabilities		2,994,308	3,026,454	
Current liabilities:				
Securities payable		390	19,482	
Loans payable		130,704	93,133	
Finance lease obligations		20,101	20,189	
Employee benefits		7,222	7,291	
Accounts payable		383,546	163,606	
Prepaid income		26,860	28,164	
Accrued employer obligations payable		43,095	46,498	
Accrued interest payable		30,989	17,811	
Other provisions		2,175	2,860	
Other liabilities		7,642	6,655	
Total current liabilities	¢	652,334	405,689	
Total liabilities		3,646,642	3,432,143	
Total liabilities and equity	¢	6,279,429	6,067,785	
Memoranda necounts		192,453	186,256	

Preliminary translation

The notes are an integral part of the consolidated financial statements

Jesús Orozco Delgado Head of the Finance Department

Jeimy Sánchez/Umaña Accounting Process Coordinator

# Consolidated Statement of Income and Expenses and Other Comprehensive Income (In millions of colones)

#### For the periods ended March 31, 2019 and 2018

	2019	2018
	(Without audit)	(Without audit)
Operating income:		
Electricity services	¢ 204,481	208,458
Telecom services	153,130	140,629
Total operating income	357,611	349,087
Operating costs:		
Operation and maintenance	122,543	118,217
Operation and maintenance of leased equipment	33,151	38,607
Supplemental services and purchases	82,172	78,308
Production management	16,926	18,999
Technical service center	1,569	1,327
Total operating costs	256,361	255,458
Gross surplus	101,250	93,629
Other income	4,919	5,625
Operating expenses:		
Administrative	33,408	34,081
Selling	64,657	55,179
Preinvestment studies	7,974	7,752
Supplemental	243	57
Other expenses	8,024	8,723
Total operating expenses	114,306	105,792
Operating surplus	(8,137)	(6,538)
n:		
Finance income and finance costs:	5 165	7,004
Investment income	5,165 (44,203)	(50,277)
Finance costs	35,484	8,351
Foreign exchange differences, net	14	0,331
Income from investments in other companies	(3,540)	(34,922)
Total finance income and finance costs		
Net (deficit) surplus before income tax	(11,677)	(41,460)
Income tax:	(0/1)	
Income tax:	(264)	(192)
Deferred tax	(11.041)	(182)
Net (deficit) surplus	¢(11,941)	(41,642)

Preliminary translation.

#### Consolidated Statement of Income and Expenses and Other Comprehensive Income (In millions of colones)

### For the periods ended March 31, 2019 and 2018

	2019	2018
	(Without audit)	(Without audit)
	(11.041)	(41 (42)
Net (deficit) surplus	(11,941)	(41,642)
Other comprehensive income Items that will not be reclassified to profit or loss: Remeasurement of defined benefit liability (asset) Effect of eliminations of reciprocal transactions Subtotal	(19) 2,401 2,382	(152) (152)
Items that are or may be reclassified subsequently to profit or loss:		
Net loss on fair value of cash flow hedges	7,624	1,535
Change in fair value of available-for-sale financial assets	-	935
Subtotal	7,624	2,470
Other comprehensive income	10,006	2,318
Total comprehensive income for the year	¢ (1,935)	(39,324)
Income for the year attributable to:	(12.150)	(41.609)
Owners of ICE	(12,150) 209	(41,698)
Non-controlling interests		
Total	¢(11,941)	(41,642)
Total comprehensive income for the year attributable to:	(1.025)	(20 224)
Owners of ICE	(1,935)	(39,324)
Total	¢ (1,935)	(39,324)

Preliminary translation

Jesús Orózco Delgado Head of Corporate Finance

Jeimy Sánchez/Umaña Accounting Process Coordinator

Consolidated Statement of Changes in Equity (In millions of colones)

For the period ended March 31, 2019 (With corresponding restated figures for 2018)

				Other r	eserves								
						Restricted retained							
		Valuation of non-			Project	earnings from capitalization of			Profit (loss) on		Equity		
		derivative financial	Development		development	investment in	Retained	Actuarial gain	investment in other		attributable to	Non-controlling	
	Paid-in capital	instruments and hedges	reserve	Legal reserve	reserve	subsidiary	earnings	(loss)	companies	Net loss	owners of ICE	interests	Net equity
-	Taid-in Capitai	matumenta and neages	10,00110			- Jacobani j							
é	155	(16,267)	2,494,488	13,595	71	62,380	334,015	8,811	(185)	-	2,897,063	6,001	2,903,064
	-	-	(241,420)	-	-	-	(15,241)	-			(256,661)	(283)	(256,944)
											•		1
	-	-	91	-	-	-	869	-	-	-	960	-	960
	-	-	-	-	-	-	-	13,809	-	-	13,809	21	13,830
	-	(23,968)	-		-	-	-	-	-	-	(23,968)	-	(23,968)
	-	(1,551)									(1,551)		(1,551)
	-	(25,519)	(241,329)				(14,372)	13,809			(267,411)	(262)	(267,673)
		-	-	-	-	-	•	-	251		251		251
_				1,084			(1,084)						
	-			1,084			(1,084)		251		251		251
¢	155	(41,786)	2,253,159	14,679	71	62,380	318,559	22,620	66		2,629,903	5,739	2,635,642
													2 101
	-		1,783		-	-	618	-	-	-	2,401	-	2,401
	-	-	(886)	-	*	-		-	-	-	(886)	-	(886)
	-	-	-	-		-		-	(33)	-	(33)	-	(33)
	-	-	-	315	-	-	(315)	-	-		-	-	-
	-	-	-	-	-				-	(11,941)	. (11,941)	-	(11,941)
											-		-
	-	-	-	-	-			(19)	-	-	(19)	-	(19)
		7,624	-								7,624		7,624
¢_	155	(34,162)	2,254,056	14,994	71	62,380	318,862	22,601	33	(11,941)	2,627,048	5,739	2,632,787

Jesús Orozco Delgado Head of Corporate Finance

Balance at January 1, 2018, previously reported
Deficit for the year
Other comprehensive income for the year:
Effect of climinations of reciprocal transactions
Effect of actuarial gains for the year
Net loss on fair value of eash flow hedges
Net change in fair value of available-for-sale financial assets
Total comprehensive income for the year:

Profit (loss) on investments in other companies
Appropriation to legal reserve
Total comprehensive income for the year:
Balance at December 31, 2018

Effect of climinations of reciprocal transactions
Previous periods adjustment
Profit (loss) on investments in other companies
Appropriation to legal reserve
Net deficit before minority interest

Net cleane twice minority interest.

Other comprehensive income for the year:
Net loss on fair value of cash flow hedges
Net change in fair value of available-for-sale financial assets
Balance at March 31, 2018

Jeimy Sánchez Umaña Coordinadora Proceso Contabilidad

### Consolidated Statement of Cash Flows (In millions of colones)

#### For the three months March 31, 2019 and 2018

		2019 (Whitout audit)	2018 (Whitout audit)
Cash flows from operating activities:			
(Deficit) for the year	¢	(11,941)	(41,642)
Adjustments for:			
Depreciation		67,581	70,516
Finance costs		34,031	44,062
·Severance benefits		5,856	6,556
Statutory Christmas bonus		5,241	4,516
Back-to-school bonus		4,599	4,611
Accrued vacation		4,722	3,748
Allowance for doubtful accounts		1,241	1,469
Allowance for valuation of inventory		197	486
Expense on disposal of assets		2,709	1,500
Absorption of amortizable and intangible items		2,921	5,782
Provision for contingent liabilities		(222)	
Foreign exchange differences		(31,140)	(10,033)
Earned interests		(23,175)	(4,732)
Loss on valuation of financial instruments		7,393	2,469
		81,953	130,950
Ol		81,933	130,930
Changes in:  Increase in trade receivables and other accounts receivable		(17,911)	(15,829)
		9,269	(486)
Decrease (increase) in inventories		14,749	2
Decrease in other assets		220,805	175,996
Increase in accounts payable		409	(148)
Increase (decrease) in security deposits			1,019
(Decrease) increase in prepaid income		(1,434)	
(Decrease) in severance benefits		(23,339)	(6,576) 94
(Decrease) increase in ligation and terminal provisions		(517)	
Increase in other liabilities		3,475	48,037
Cash flows from operating activities		275,519	291,419
Interest paid		(20,852)	(47,511)
Interest received		19,580	4,271
Net cash from operating activities		274,246	248,179
Cash flows from investing activities			
Joint ventures in investments		18	(
Purchase in long term investments		(10,574)	(2,108)
Maturity in long term investments		11,293	
(Additions) decrease to property, plant and equipment		(33,183)	28,880
Increase in intangible assets		(1,712)	(100,341)
Purchase in temporary investments		(38,804)	(5,859)
Maturity in temporary investments		19,377	
Net cash used in investing activities		(53,585)	(79,428)
Cash flows from financing activities:			
Increase in securities payable		-	9,739
Amortization of securities payable		(20,255)	-
Amortized cost of securities payable		(1,016)	
Increase in loans payable		50,714	74,979
Amortization of loans payable		(16,553)	(84,931)
Amortized cost of loans payable		(537)	-
Increase of finance leases			
Amortization of finance leases		(325)	3,929
Amortized cost of finance leases		229	(4,020)
Net cash (used in) from financing activities		12,257	(304)
Net increase in cash and cash equivalents		232,918	168,448
Cash and cash equivalents at beginning of year		138,655	188,420
Cash and cash equivalents at end of year	¢	371,573	356,868

Preliminary translation.

Jesús Orózco Delgado Head of the Finance Department

Jeimy Sánchez Umaña Accounting Process Coordinator

## Notes to the Consolidated Financial Statements (in millions)

March 31, 2019 (figures of the 2018 fiscal year)

#### **Note 1.** Reporting entity

- The *Instituto Costarricense de Electricidad* [the Costa Rican Institute of Electricity, in English] and its Subsidiaries (hereinafter jointly referred to as "Grupo ICE"), is an autonomous entity that is part of the Costa Rican state that was organized under the laws of the Republic of Costa Rica through Executive Order No. 449 of April 8, 1949 and Act 3226 of October 22, 1963. Its main offices are located in Sabana Norte, district of Mata Redonda, in the city of San José.
- Grupo ICE is a group of state-owned companies that includes the *Instituto Costarricense de Electricidad* (the parent and controlling entity) and its subsidiaries, *Compañía Nacional de Fuerza y Luz, S.A. (CNFL), Radiográfica Costarricense, S.A. (RACSA), Compañía Radiográfica Internacional Costarricense, S.A. (CRICSA), Cable Visión de Costa Rica, S.A. (CVCR),* and *Gestión de Cobro Grupo ICE, S.A.*, all which are organized under Costa Rican laws. ICE is also the parent of other wholly owned entities that are not operating as of March 31, 2019.
- Its main activity consists of developing electric power producing sources, including the supply of electricity and telecommunication services. Regarding its electric power activities, it is the holder of the exclusive right to generate, transmit and distribute electric energy in Costa Rica, where only a few exceptions exist, such as a limited number of private and municipal entities, as well as certain rural cooperatives. In relation to telecommunications, the Group is the holder of a concession to develop and promote telecommunication services in Costa Rica, offering a wide range of services to individuals, homeowners and companies, including landline and mobile phone services, and voice and data services. These landline services include, among others, traditional fixed telephony, public telephony, and internet and television access. Mobile services include voice and data services, both under prepaid and postpaid modes. This offer also includes value added services and content, security and backup services, and telephone network interconnections and submarine capacity linking.
- Mobile telephony (prepaid and postpaid voice and data), fixed telephony (including dedicated lines), internet access, and public and international telephony services are all regulated by the Superintendency of Telecommunications (SUTEL, its Spanish acronym), while electric power services are directly regulated by the Public Services Regulation Authority (ARESEP, its Spanish acronym). The following is a description of the main activities of the group's subsidiaries:

## Notes to the Consolidated Financial Statements (in millions)

The following is a description of the main activities of the group's subsidiaries:

#### • <u>Compañía Nacional de Fuerza y Luz, S.A.</u>

The *Compañia Nacional de Fuerza y Luz, S.A.* (from here on out referred to as "CNFL", its Spanish acronym), was organized under Act number 21, dated April 8, 1941. Its main activity is the distribution of electric power in the metropolitan area of San José, as well as some neighboring counties of the provinces of Alajuela, Heredia and Cartago. CNFL has issued a series of debt securities in domestic currency and is therefore subject to the regulations that the CONASSIF [Spanish acronym for the "National Supervising Council of the Financial System"] and the SUGEVAL [Spanish acronym for the "General Superintendency of Securities"] establish.

#### • <u>Radiográfica Costarricense, S.A.</u>

Radiográfica Costarricense, S.A. (from here on out referred to as "RACSA", its Spanish acronym), was organized on July 27, 1964, with the main objectives of exploiting telecommunication services in Costa Rica, national connectivity and internet, international connectivity to transmit data and video, and provision of data center, information, and other services.

#### • Compañía Radiográfica Internacional Costarricense, S.A.

Compañía Radiográfica Internacional Costarricense, S.A. (from here on out referred to as "CRICSA") was established by means of Act 47, dated July 25, 1921, with the main objective of exploiting a wireless communications concession. This company has no active personal, as Grupo ICE provides accounting and administrative services to it.

#### • <u>Cable Visión de Costa Rica</u>

Cable Visión de Costa Rica (from here on out referred to as "CVCR") was created on January 19, 2001, which was acquired by the Costa Rican Institute of Electricity on December 05, 2013. Its main objective is to provide cable television services, although internet services and digital television services were subsequently added to its lines of business.

#### • Gestión de Cobro Grupo ICE, S.A.

Gestión de Cobro Grupo ICE, S.A. was organized by means of agreement No. 6198 of the Board of Directors on October 31, 2016, and started operating in October of 2017. Its main activity consists on providing judicial and administrative collection proceeding services to ICE and its companies to collect outstanding balances from their commercial operations.

The activities of ICE and its subsidiaries are also regulated by the Office of the General Comptroller of the Republic, the General Superintendency of Securities (SUGEVAL), the *Bolsa Nacional de Valores de Costa Rica, S.A.* (the National Stock Exchange), the Securities Market Regulating Act, the General Directorate of National Accounting of the Ministry of Finance, and the Ministry of the Environment and Energy [MINAE, its Spanish acronym].

## Notes to the Consolidated Financial Statements (in millions)

#### Capital composition

In accordance to article 16 of its Organic Act, the capital of ICE is made up of the following:

- Government revenue that is legally allocated and granted to ICE;
- The fees that the State acquired from the Municipality of San José under the *Contrato de Tranvia* [the "Tram Agreement", in English].
- Any other property that the State transfers to ICE.
- The country's hydraulic resources that have been or that are declared National Reserves, as well as all retained earnings stemming from any of the aforementioned.

#### Note 2. Basis of accounting

The attached consolidated financial statements were prepared in compliance with those accounting policies included in the "Handbook of Accounting Policies of ICE", accepted by the General Directorate of National Accounting of the Ministry of Finance, governing authority of the National Accounting Subsystem, and accounting criteria issued by the Management, which are binding for accounting purposes. Note 7 describes the most significant accounting policies of the company.

Consolidated financial statements were authorized for issuance by the Management of ICE on June 06, 2018.

#### Note 3. Basis of measurement

Consolidated financial statements were prepared using the historical cost basis, except for the following items that are measured using an alternative basis on each closing date.

Measurement bases
Fair value
Fair value
Net realizable value
Net realizable value
Amortized cost
Fair value

#### **Note 4.** Functional and presentation currency

These consolidated financial statements are expressed in Costa Rican colones (¢), legal tender of the Republic of Costa Rica, and its functional currency.

All financial information in this document is presented in millions of colones and has been rounded up to the closest unit, except as otherwise stated.

#### Note 5. Use of judgments and estimates

The preparation of these financial statements required that the Management make judgments, estimates and assumptions that affect the application of the accounting policies and the reported amounts

### Notes to the Consolidated Financial Statements

(in millions)

of assets, liabilities, revenue and expenses. Actual results could differ from such estimated amounts.

Relevant estimates and assumptions are reviewed on a regular basis. The effect of an estimate change is governed by what is stated in note 7.

#### (i) Judgments

Information about judgments made to comply with accounting policies and that have a significant effect on the amounts recognized in the consolidated financial statements is described in the following notes:

- Note 8 (iii) Costs of loans
- Note 29 Classification of leases
- Note 34 Management of institutional financial risk

#### (ii) Assumptions and uncertainties in estimates

The information on assumptions and uncertainties related to estimates that entail a significant risk of resulting in a material adjustment in the next financial year are included in the following notes:

- Note 14 Measurement of estimates for obsolete inventory
- Notes 11 and 17 Measurement of estimates for doubtful accounts
- Note 21 Measurement of obligations for defined benefits key actuarial assumptions.
- Note 35 Recognition and measurement of contingencies and provisions key assumptions related to the probability and magnitude of a disbursement of financial resources

#### (iii) <u>Measurement of fair values</u>

Some of the accounting policies and disclosures of Grupo ICE require the measurement of fair values of both financial and non-financial assets and liabilities.

When the fair value of an asset or liability is measured, Grupo ICE uses observable market data whenever possible. The fair values are classified in different levels within a fair value hierarchy that is based on input data used in the valuation techniques, as follows:

- Level 1: observable, quoted prices (not adjusted) for identical assets or liabilities in active markets.
- Level 2 input data differs from the quoted prices included in Level 1, that are observable either for the asset or liability, directly or indirectly.
- Level 3: data for the asset or liability that is not based on observable market data (unobservable input data).

If the input data variables used to measure the fair value of an asset or liability are classified in different levels of the fair value hierarchy, then the measurement of fair value is classified, as a whole, in the same level of the fair value hierarchy as the variable with the lowest ranking that is significant for the measurement of the asset or liability as a whole.

Grupo ICE recognizes transfers between the levels of the fair value hierarchy at the end of the reporting period in which the change was reported to occur.

Note 35 "Management of Institutional Financial Risk" includes additional information about the assumptions used to measure fair values.

## Notes to the Consolidated Financial Statements (in millions)

#### Note 6. Policy changes

- Decree No. 35616-H of December 2, 2009, issued by the Ministry of Finance, established that public companies are to adopt International Financial Reporting Standards (IFRS) as of January 01, 2014. The Ministry of Finance thereafter established, by means of Decree No. 39665-H of March 08, 2016, that institutions that do not have accounting procedures based on the IFRS in place, are to take measures in order to prepare, approve and adapt their information systems to be able to apply the IFRS as of January 01, 2017. Notwithstanding the aforementioned, on August 3, 2016, and according to document DM-1559-2016, the Ministry of Finance notified ICE about the issuance of a guideline authorizing National Accounting to establish guidelines for entities that have not been able to complete their accounting treatments, so they can do so by undertaking to execute a plan of action, provided that any such plans have been executed by 2022.
- In addition, by means of notice DCN-1609-2016, dated November 15, 2016, the General Directorate of National Accounting of the Ministry of Finance authorized ICE to issue its first IFRS compliant financial statements on the year ending on December 31, 2023.
- On the other hand, the Ministry of Finance, through Executive Order No. 41039-H, dated February 1, 2018, published in La Gaceta N°92, on May 2018, established a new term to bridge the existing IFRS gaps in the Costa Rican public sector. This order states that institutions that have gaps between their current accounting practices and the ones required by international standards must implement such rules by January 01, 2020.
- Simultaneously to the definition of the term established in Order No. 41039-H to complete the implementation of the international reporting standards, the Attorney General's Office, by means of Order PGR-C-095-2018, dated May 9, 2018, issued a binding opinion as a response to an inquiry that was made by ICE in relation to the retroactive effect of these standards. This order established that, if any ongoing agreements that had been executed under other rules exist, such conditions cannot be adversely or negatively modified by ICE as a result of implementing the IFRS.
- Therefore, lease agreements, BOT (Build, Operate and Transfer) agreements, and trusts existing as of the issuance of this consolidated financial statements shall continue in accordance with current accounting standards as of the signing of such agreements and until their termination. New agreements related to these topics, entered into as of January 1, 2020, are to be registered in compliance with the IFRS.
- As a result of the such decrees issued by the Ministry of Finance, as of 2016, the ICE started a process to gradually adopt the IFRS, including in its accounting policies those changes required to adjust them to the technical requirements that such accounting standards establish.
- This gradual adoption is documented by means of the issuance of accounting criteria that incorporates technical requirements listed in the IFRS and that are being incorporated in accounting policies, under the guidance and with the binding criteria of the Directorate of Accounting and Budgets, with the approval of the Corporate Services Management and in accordance to the action plan accepted by the General Directorate of National Accounting of the Ministry of Finance (see note 7). The ICE considered a study prepared by an external advisor throughout this gradual adoption process. This study determined the gaps that existed between the basis for accounting used by ICE and valid IFRS as of 2015. As a result, and as of the date of these consolidated financial statements, the IFRS that have been considered in such implementation process are the following:

## Notes to the Consolidated Financial Statements (in millions)

Reference standard	Name of standard	Starting date of implementation
IAS 8	Accounting Policies, Changes in Accounting Estimates	
	and Errors	2016
IAS 16	Propierty, Plant and Equipment	2016
IAS 19	Employee Benefits	2016
IAS 21	The Effects of Changes in Foreing Exchange Rates	2016
IAS 24	Related Party Disclosures	2016
IAS 36	Impairtment of Assets	2016
IAS 37	Provisions, Contingent Liabilities and Contingent Assets	2016
IAS 39	Financial Instruments: Recognition and Measurement	2016
IFRS 8	Operating Segments	2016
IAS 1	Presentation of Financial Statements	2017
IAS 2	Inventories	2017
IAS 7	Statement of Cash Flows	2017
IAS 10	Events after the Reporting Period	2017
IAS 12	Income Taxes	2017
IAS 18	Revenue	2017
IAS 23	Borrowing Costs	2017
IAS 28	Investments in Associates and Joint Ventures (except trusts)	2017
IAS 38	Intangible Assets	2017
IFRS 3	Business Combinations	2017
IFRS 7	Financial Instruments: Disclosures	2017
IFRS 11	Join Arrangements (except trusts)	2017
IFRS 13	Fair Value Measurement	2017

### Notes to the Consolidated Financial Statements

(in millions)

The consolidated financial statements for the 2018 period incorporated the following accounting policies change:

#### (a) Recognition of the asset and liability related with import purchase orders:

- The implementation of this policy has, as an objective, to define the moment of recognition and measurement of assets and liabilities related with the issuance of import purchase orders, in accordance to what Accounting Standard "IAS 39 Financial Instruments: Recognition and Measurement", establishes.
- Accordingly, liabilities are initially recognized when a final commitment to purchase the goods takes place, and when the rights and benefit of the traded good have been transferred, or otherwise until either of the parties has executed its obligations, pursuant to international commercial terms and agreements (Incoterms).

#### Gradual implementation of IFRS

- The main objective of this gradual implementation is to adjust the accounting-financial process for the complete adoption of the IFRS. Hence, it should be interpreted that the aforementioned accounting standards have been used for such gradual change of the accounting process of assets, liabilities or transactions associated to these accounting standards, even though it does not have to do with the complete adoption of any of them, due to their direct or indirect relation with other IFRS and with those that are still not considered to be in such process of gradual adoption, as well as the fact that certain implementation cases fail to cover all transactions, assets or liabilities subject to the standard.
- According to the foregoing, considering opinion issued by the Attorney General's Office as binding, the Financial Statements to be issued by ICE, and Grupo ICE explicitly, without any limitations, declaring that such financial statements comply with the International Financial Reporting Standards (IFRS), shall take place once the last agreement that was executed by ICE under current standards, is terminated.

#### Note 7. Summary of significant accounting policies

The accounting policies described below have been consistently applied in the periods presented in the accompanying consolidated financial statements. As is stated in Note 6 - Policy changes, in 2018 certain accounting policies changes were implemented, and the effects arising from such, when applicable, were retroactively recorded (see note 32). Likewise, changes to the classification of assets, liabilities, and revenue and expense accounts, were also implemented. These changes resulted in changes and reclassifications in the consolidated financial statements of 2017, as is explained in note 34.

#### Annual accounting policy unapplied for interim periods.

- The accounting policies of ICE contain a series of precepts that govern the accounting duties of Grupo ICE and that consider, in most cases, the accounting treatment stated in one accounting period, which, in the case of Grupo ICE, pertain to a natural year that starts on January 1 and ends on December 31.
- As has been established in the practice, accounting policies that require strict implementation throughout the reporting year are the result of complex monthly and quarterly processing involved in the computation to determine or update values.
- The accounting treatment of intermediate periods, which differs from the annual treatment at the closing of each accounting period, is described below.

## Notes to the Consolidated Financial Statements (in millions)

(i) Estimate to appraise stock in warehouses:

The activities necessary to review the estimated amount determined involves all of Grupo ICE's units, as inventories are safeguarded all throughout the country and are only counted on a yearly basis. Hence, for practical purposes, the estimate is reviewed or modified only at the closing of the year.

For practical purposes, some notes to the consolidated financial statements present the information broken down by subsidiary.

#### (a) Consolidation policies

#### (i) <u>Business consolidation</u>

The Grupo ICE recognizes a business consolidation whenever the purchaser, be it the Institute or any other entity of Grupo ICE, gains control over one or more already established businesses.

Grupo ICE accounts for each business consolidation by means of the acquisition method of accounting, which requires:

- a. The identity card of the acquiring company;
- b. Determination of the acquisition date:
- c. Recognition and measurement of identified acquired assets, liabilities that are being incurred, and any non-controlling interest in the acquired entity; and
- d. The recognition and measurement of goodwill or profit from a purchase in very favorable terms.
- The Grupo ICE recognizes, as the date of acquisition, the date when it takes control of the acquired company, which is generally the date when the consideration is legally transferred, and it acquires the assets and takes on the liabilities of the acquired company. Nevertheless, the acquiring company can assume control on a date before or after the closing date. For example, the acquisition date shall predate the closing date if a written agreement requires that the acquiring company obtain control of the acquired company on a date before the closing date. Therefore, the acquired company shall consider all pertinent facts and circumstances to identify the date of acquisition.
- On the date of acquisition, Grupo ICE, as the acquiring company, shall separately recognize goodwill, identified acquired assets, assumed liabilities and any other non-controlling interest in the acquired company. As the buying company, it has to measure the identifiable assets acquired, as well as the liabilities assumed, at their fair value as of the date of acquisition, and recognize goodwill on the date of acquisition, which represents the difference between the cost of acquisition and the fair value of the acquired entity. Goodwill is recognized as an intangible asset in the consolidated financial statements of Grupo ICE; it has an indefinite life, and is subject to an impairment analysis, pursuant to best practices.
- The transferred consideration in a business consolidation should be measured at its fair value, which is calculated by adding the fair values of the assets transferred to the acquiring company on the date of the acquisition, the liabilities incurred by the acquired company's previous owners, and the equity interest issued by the acquiring company.
- Should a contingent consideration exist, as a result of events that, as of the date of the negotiation were uncertain, Grupo ICE must recognize, on the date of the acquisition, the fair value of the contingent consideration as part of the consideration transferred in exchange of the acquired

#### Notes to the Consolidated Financial Statements

(in millions)

company, and must classify it as a liability or as equity, based on the definition of equity instruments and financial liabilities included in the Financial Instruments reporting standards, if applicable.

#### (ii) Subsidiaries

The consolidated financial statements include accounts of the *Instituto Costarricense de Electricidad* (ICE) and subsidiaries, as detailed below:

		Ownership interest as of		
		As of March	As of	
		31	December 31	
Subsidiaries	Country	2019	2018	
Compañía Nacional de Fuerza y Luz, S.A. (CNFL)	Costa Rica	98.6%	98.6%	
Compañía Radiográfica Internacional Costarricense, S.A. (CRICSA)	Costa Rica	100%	100%	
Radiográfica Costarricense, S.A. (RACSA)	Costa Rica	100%	100%	
Cable Visión de Costa Rica S.A. (CVCRSA)	Costa Rica	100%	100%	
Gestión de Cobro Grupo ICE S.A.	Costa Rica	100%	100%	

These subsidiaries are companies controlled by the *Instituto Costarricense de Electricidad* (parent). The financial statements of the subsidiaries are included in the consolidated financial statements as of the date when the control starts and until the date it ends. Accounting policies of these subsidiaries have been changed whenever it's been necessary to standardize them with ICE's accounting policies, including corresponding accounting adjustments.

#### (iii) <u>Transactions written-off during the consolidation process</u>

Balances and transactions between related parties and any unrealized revenue or expense that arises out of any transactions between entities of Grupo ICE are written-off during the preparation of the consolidated financial statements.

#### (iv) Investments in affiliates and joint ventures

Grupo ICE recognizes investments in affiliates as those made in entities where it exerts significant influence, but does not control it, whenever it possesses, directly or indirectly, though one of its subsidiaries, 20% or more of the voting rights in such entity, unless it can be clearly proven that such influence does not exist.

Whenever Grupo ICE is part of a joint venture (business or operation), it will assess whether the agreement grants joint control of the agreement to all or some of the parties. All or part of the parties jointly control the agreement whenever they must act jointly to direct the activities that significantly affect the performance of the agreement (that is to say, the relevant activities).

When it is determined that all of the parties, or a group of them, jointly control the agreement, then joint control is deemed, provided the decisions about relevant activities require the unanimous consent of the parties that collectively control the agreement.

Grupo ICE records those investments classified as investments in affiliated and joint ventures using the equity method. The initial recognition of an investment in an affiliate or a joint venture shall be recorded at its cost, and its book value shall increase or decrease as an adjustment product of the consolidation of financial statements of Grupo ICE, to recognize the part of the investment of Grupo ICE in the year's results of the subsidiary, after the date of acquisition.

### Notes to the Consolidated Financial Statements

(in millions)

The interest held by Grupo ICE in the year's results shall be recognized in the results of such year. Distributions received in the investee shall reduce the book value of the investment.

- Grupo ICE in its consolidated financial statements shall interrupt the use of the equity method as of the date its investments stops being an affiliate or a joint venture, and shall thereafter apply the corresponding policies.
- If an affiliate or a joint venture applies accounting policies other than those adopted by Grupo ICE for transactions and other similar and relevant events that took place in similar circumstances, adjustments shall be made to the financial statements of the affiliate or joint venture that were sent to the Group and that the latter uses to apply the equity method in the consolidated financial statements, in order to bring the accounting policies of the affiliate or joint venture into alignment.

#### (a) General recording policies

#### (i) Basic principles

- Grupo ICE records its transactions using the accrual basis, by means of which the effects of transactions and other events are recognized when they take place and not when money or a cash equivalent is received or paid.
- All transactions and events are to be recorded in accounting books, using the criteria of opportunity and chronological order, in the consolidated financial statements of the corresponding periods.
- Grupo ICE's accounting period starts each year on January 01 and ends on December 31.
- Those items that meet the following criteria are recognized in the group's consolidated financial statements:
- Any financial benefit linked to such item will most likely be received by or come from Grupo ICE.
- The item has a cost or value that can be accurately measured.

#### (ii) Foreign currency transactions

- All foreign currency transactions executed by Grupo ICE are translated to the functional currency using the Costa Rican colón to US dollar (US\$) exchange rate valid on the day of the transaction, pursuant to the exchange rate issued by the Costa Rican Central Bank for operations with the non-banking public sector. Exchange differences resulting from the application of this procedure are recognized in the results of the year when they occur.
- As of 2018, transactions in foreign currency are converted to the Company's functional currency using the exchange rates valid on the dates of the transactions. Financial assets and liabilities in foreign currency as of the date of the report are translated back to the functional currency using the selling exchange rate established by the Costa Rican Bank for operations with the non-banking public sector.

# Notes to the Consolidated Financial Statements (in millions)

### Note 8. Property, plant and equipment, net

The property, plant and equipment comprises the following general asset categories:

	As of March, 31 2019	As of December,31 2018
Cost	201)	2010
Operating assets ¢	7,242,078	7,255,880
Operating assets and other operating assets under finance leases	844,648	844,643
Other operating assets	400,984	400,660
Total operating assets - cost	8,487,710	8,501,183
Accumulated depreciation:		
Operating assets	3,728,925	3,670,107
Operating assets and other operating assets under finance leases	39,165	35,577
Other operating assets	304,834	302,040
Total accumulated depreciation of operating assets - cost	4,072,924	4,007,724
Operating assets, net	4,414,786	4,493,459
Other assets		
Construction work in progress	452,999	395,259
Inventory for investment projects	123,618	134,627
Total other assets	576,617	529,886
¢	4,991,403	5,023,345

# Notes to the Consolidated Financial Statements (in millions)

### (i) <u>Cost</u>

The general categories of the assets that are in operation are broken down below:

	A	s of December 31,	Additions and		Adjustments and	As of December 31,	Additions and		Adjustments and	As of March 31,
	_	2017	capitalizations	Disposals	transfers	2018	capitalizations	Disposals	transfers	2019
Land	¢	162,323	43,894	(180)	(34,056)	171,981	18	-	-	171,999
Buildings		367,668	19,765	(1,204)	(6,693)	379,536	1,398	(8)	-	380,926
Hydroelectric power generation		2,378,350	71,566	(1,271)	(80,428)	2,368,217	33	-	(3,890)	2,364,360
Thermal power generation		168,797	87	(21,809)	-	147,075	-	(3)	(1)	147,071
Geothermal power generation		518,567	-	(6,039)	-	512,528	-	-	-	512,528
Wind power generation		11,785	-	-	-	11,785	-	-	-	11,785
Solar power generation		12,369	363	-	-	12,732	40	-	-	12,772
Substations		451,808	17,045	(6,628)	(25,412)	436,813	983	(5)	(6,005)	431,786
Transmission lines		348,653	14,391	(10,995)	(6,752)	345,297	-	-	(14,214)	331,083
Distribution circuits		832,441	272,041	(7,225)	(167,884)	929,373	9,499	(722)	(635)	937,515
Public lighting		45,602	2,560	(1,229)	(19,285)	27,648	617	(2,272)	11	26,004
Control, communication and infrastructure equipment		279,392	4,197	(1,534)	130	282,185	209	(476)	-	281,918
Transport		716,877	2,282	(1,954)	-	717,205	1,045	(66)	-	718,184
Access		485,384	2,421	(18,539)	-	469,266	349	-	-	469,615
Civil y electromechanical		202,954	449	-	-	203,403	81	-	-	203,484
Platforms		237,008	3,711	(222)	339	240,836	212	-	-	241,048
Subtotal operating assets	_	7,219,978	454,772	(78,829)	(340,041)	7,255,880	14,484	(3,552)	(24,734)	7,242,078
Operating assets and other operating assets under finance leases:										
Land		7,604	78	-	(192)	7,490	5	-	-	7,495
Buildings		30,171	-	-	=	30,171	-	-	-	30,171
Hydroelectric power generation		796,066	497	-	-	796,563	-	-	-	796,563
Transport		-	=	(11)	-	(11)	-	-	-	(11)
Access		8,095	=	-	-	8,095	-	-	-	8,095
Furniture and equipment		2,335	=	-	=	2,335	=	=	=	2,335
Subtotal operating assets and assets under finance leases	_	844,271	575	(11)	(192)	844,643	5	-	-	844,648
Other operating assets	=	404,622	8,502	(12,125)	(339)	400,660	1,861	(1,537)	-	400,984
	¢	8,468,871	463,849	(90,965)	(340,572)	8,501,183	16,350	(5,089)	(24,734)	8,487,710

## Notes to the Consolidated Financial Statements (in millions)

As of 2016, the assets in operation and other assets in operation are registered at their adjusted cost, which is a substitute of the historic cost plus the revaluation adjustment. Hence, the value of such assets in operation and other assets in operation subject to tariff regulation, is known as the adjusted cost, which comprises the historical cost plus the revaluation adjustment. Likewise, the accumulated depreciation is added to the cost, plus the depreciation linked to the revaluation. Nevertheless, as of that date (2016) and during 2017, the subsidiary, CNFL, was in the process of updating the value of its properties, machinery and equipment using appraisals prepared by independent experts, to substitute the price indexes method, so that such values be used to adopt the mentioned policy at Grupo ICE. During 2018, this subsidiary incorporated the effects of such update, recognizing them as at January 1, 2018, because it was not practical to determine the effects of their correction each specific period. Assets which value was updated using the aforementioned appraisals include those used for hydraulic power generation, distribution circuits, public lighting, and other properties that include: terrains, buildings, substations, that comprise one same class of assets. The effects of the aforementioned revaluation are presented in the previous note and in the table "accumulated depreciation", in the line "Adjustments and carryforwards". In addition, and as a result of the incorporation of the effects of the appraisal in the subsidiary and the use of the adjusted cost, which is made up by the historical cost plus the revaluation adjustment that was stated, the Grupo ICE adjusted the retained earnings by an amount of \$\psi 128,963\$ million.

The account "assets in operation under financial lease" pertain to the value of those productive assets under agreements known as financial leases. As of March 31, 2019, the following are such agreements:

#### i) Reventazón Hydroelectric Power Plant Lease Agreement (hydroelectric generation):

Agreement entered by and between UNO P.H. Reventazón, as lessor, and ICE, as lessee. The term of the agreement is of 20 years and the biannual installment is calculated using the amount of the debt service of the trust, as owed to the creditor banks under the UNO P.H. Reventazón trust (see note 20(c)).

This lease agreement originates from the terms of the trust agreement known as "Trust UNO PH Reventazón / ICE / Scotiabank / 2013 Agreement"; entered by and between ICE and Scotiabank de Costa Rica on May 2013, under which ICE acts as trustor and main beneficiary, and Scotiabank acts as trustee, and the persons identified as secondary beneficiaries in each notice of appointment of secondary beneficiary. The value of the agreement is of ¢239,500 and US\$435. The term of the agreement is of 20 years (ending on 2034) and the biannual installment is calculated using the debt service amount of the Trust, as owed to the lender banks under the UNO P.H. Reventazón trust.

## Notes to the Consolidated Financial Statements (in millions)

The main clauses of this trust UNO PH Reventazón / ICE / Scotiabank / 2013 agreement are the following:

- a. Develop, continue to build, lease, operate and provide maintenance to the Reventazón Hydroelectric Project, as well as subscribe the necessary financing to fulfill such purposes.
- b. Create an autonomous and independent estate that can support and guarantee compliance of the obligations assumed by the trust.
- c. Establish the guarantee trust in favor of which the trust's estate will be transferred, under which the trustor shall be this trust, the beneficiaries shall be the secured creditors and the trustee shall be the trustee under this trust. It is agreed that the trustee under the guarantee trust shall be Scotiabank.
- d. Comply with the obligations of the trust, in accordance with the transaction documents, which include the payment to secured creditors that have granted credits or that have made investments in securities destined for the development, financing, construction, leasing, operation and maintenance of the Reventazón Hydroelectric Power Plant.
- e. Once (i) the purposes for which this trust was created are met; (ii) the obligations under the transaction documents have been fulfilled; and (iii) the trustee receives the written approval of the representative of the secured creditors; transfer the estate of the Trust to the Trustor, in his capacity as main beneficiary.
- f. Any other objective or end deriving from the nature of this trust agreement and the transaction documents that does not violate the principle of good business faith or relevant laws.

The estate of the trust shall comprise: (i) the entrusted assets of the trust in order to execute the Reventazón Hydroelectric Project; (ii) the works and equipment that is incorporated in the process to develop the Project; (iii) money or in-kind contributions made by the Trustor; (iv) resources obtained by the Trust from loan agreements, as well as resources collected product of the issuance, placement and management of securities under the trust, if they come to exist; (v) revenue earned from leasing the plant, as well as any other revenue that the Trust can earn in its normal operation; (vi) all such permits, authorizations, studies and documents that need to be subscribed to fulfill the trust's ends; (vii) trust accounts, investments, and their yields, as well as any other funds that the trustee manages under this trust; (viii) any other revenue earned by the trust and linked to the project, whether directly or indirectly; (ix) future property that is eventually included in the trust's estate; (x) the estate of the guarantee trust, once it has been returned to the trust, in its capacity as trustor, in compliance with the terms and conditions of the guarantee trust.

The trustee shall manage and, if necessary, dispose of the estate of the trust, in compliance with the purposes and provisions of the agreement, and so as to comply with all of the obligations under the trust.

All funds that the trust receives, for whatever cause or reason, must be immediately deposited by the trustee in the bank accounts of the guarantee trust, in compliance with the terms and conditions of the guarantee trust. The only exception to the foregoing are the funds from the bridge loan, which are to be deposited in the account that the trust states for this purpose.

## Notes to the Consolidated Financial Statements (in millions)

### ii) Lease Agreement - Telecommunications Tower (buildings):

On January 2010, the *Banco de Costa Rica* [BCR, its acronym in Spanish] and ICE made and entered into an agreement known as the "ICE-BCR Real Estate Securitization Trust", by means of which the *Banco de Costa Rica*, acting as trustee, undertook to obtain financial resources to acquire the property known as Centro Empresarial La Sabana (building). Such financing would be obtained by the Trust through the sale of securities known as "Securities/Certificates of the ICE-BCR Real Estate Securitization Trust". The agreement was for an amount of \$\psi\_27,550 The term of the agreement was of 20 years (it ends on 2030)

The purposes of this Trust was to provide ICE with a comprehensive physical space solution

to perform its activities. One of the terms of this Trust was to lease the equipped building to ICE. This gave rise to the irrevocable lease agreement with an option to purchase such property, known as Centro Empresarial La Sabana, through which the aforementioned Trust leases to ICE the aforementioned real property for a 20-year term, at the end of which ICE shall be able to exercise the purchase option with a monthly lease fee that is based on the variables set forth in such lease agreement. (See note 20(c)).

With the amount received by the Trust for the lease of the property, the principal amount and yields from the securities placed in the stock market shall be paid, as well as those private issuances of securities and loans from national and international banks. In 2019, the monthly installment ranged between  $$\phi$208$  and  $$\phi$214$  ( $$\phi$214$  and  $$\phi$218$  in 2018).

#### *iii)* RANGE – Telecommunications Lease Agreement (access):

In January 2014, *Banco de Costa Rica* (BCR) and ICE entered into an agreement referred to as: "ICE-RANGE/BCR Trust Agreement" to address the cost of the design, construction, and maintenance of the New Generation Access Network [RANGE, its acronym in Spanish], including the works related to the installation of equipment, channeling of civil and electromechanical works, duct construction, cable laying, and installation of fiber optic. As a result of such a Trust Agreement, ICE entered into a lease agreement with the Trust regarding the works to be developed by the latter. The term of the lease is 18 years (it ends on 2034), with monthly installments calculated in accordance with the formula set forth in the addendum to the aforementioned lease agreement. (See note 20 (c)). During 2019, the monthly installment ranged between \$\psi 208\$ and \$\psi 256\$ (\$\psi 186\$ and \$\psi 254\$ in 2018).

# Notes to the Consolidated Financial Statements (in millions)

### (ii) <u>Accumulated depreciation:</u>

The accumulated depreciation of the property, plant and equipment is detailed below:

	-	As of December			Adjustments and	As of December			Adjustments and	As of March 31,
		31, 2017	Depreciation	Disposals	transfers	31, 2018	Depreciation	Disposals	transfers	2019
Buildings	¢	140,074	7,303	(698)	(14,675)	132,004	1,866	(1)	-	133,869
Hydroelectric power generation		1,072,816	39,279	(627)	(41,481)	1,069,987	9,800	(3)	(4)	1,079,780
Thermal power generation		91,358	3,407	(15,569)	-	79,196	785	-	-	79,981
Geothermal power generation		284,306	27,804	(3,259)	-	308,851	6,860	-	-	315,711
Wind power generation		10,898	45	-	-	10,943	11	-	-	10,954
Solar power generation		5,809	643	-	-	6,452	141	-	-	6,593
Substations		224,037	15,885	(3,122)	(11,047)	225,753	3,568	-	-	229,321
Transmission lines		118,008	9,373	(10,411)	(2,073)	114,897	1,985	-	-	116,882
Distribution circuits		435,929	34,019	(3,287)	(120,419)	346,242	8,095	(415)	(1)	353,921
Public lighting		22,525	1,472	(380)	(9,321)	14,296	406	(25)	-	14,677
Control, communication and infrastructure equipment		104,564	6,506	(1,374)	(128)	109,568	1,613	(401)	5	110,785
Transport		472,475	28,541	(1,912)	515	499,619	6,900	(66)	-	506,453
Access		356,029	46,048	(14,658)	-	387,419	10,189	-	-	397,608
Civil and electromechanical		172,098	14,734	-	-	186,832	3,277	-	-	190,109
Platforms		156,747	20,899	(220)	622	178,048	4,233	-	-	182,281
Subtotal operating assets	_	3,667,673	255,958	(55,517)	(198,007)	3,670,107	59,729	(911)	-	3,728,925
Operating assets and other operating assets under finance leases:	_									
Buildings		3,387	607	-	-	3,994	152	-	1,021	5,167
Hydroelectric power generation		12,808	11,844	-	-	24,652	2,966	-	(3)	27,615
Transport		-	9	-	-	9	5	-	- "	14
Access		2,712	1,762	-	-	4,474	398	-	-	4,872
Furniture and equipment		2,185	263	-	-	2,448	68	-	(1,018)	1,498
Total operating assets and assets under finance leases	_	21,092	14,485	-	-	35,577	3,589	-	-	39,165
Other operating assets	_	294,587	19,559	(11,803)	(303)	302,040	4,263	(1,469)	-	304,834
	¢	3,983,352	290,002	(67,320)	(198,310)	4,007,723	67,581	(2,380)	-	4,072,924

# Notes to the Consolidated Financial Statements (in millions)

For the 2019 and 2018 periods, asset depreciation was calculated using the following useful lives.

	Useful life
	(in years)
Buildings	4 a 50
Plant, machinery and equipment for power generation	20 a 60
Plant, machinery and equipment for telecommunications	3 a 30
Plant, machinery and equipment for public lighting	10 a 30
Access roads	50
Machinery and equipment	3 a 20

## Notes to the Consolidated Financial Statements (in millions)

#### (iii) Other assets

The following table contains a detailed description of the assets classified as work in progress and inventory - investment as of March 31, 2018 and 2019:

		Construction	Internal		Inventory for	
		work in	consumption of	Subtotal	investment	Total
		progress	services **		projects	
As of December 31, 2017 (restated)*	¢	382,557	(1,547)	381,010	134,647	515,657
Additions		188,865	1,058	189,923	102,347	292,270
Disposals		(109,921)	-	(109,921)	-	(109,921)
Capitalizations		(70,273)	-	(70,273)	(102,367)	(172,640)
Interst and commissions		4,520	-	4,520	-	4,520
As of December 31, 2017 (restated)*		395,748	(489)	395,259	134,627	529,886
Additions		68,848	310	69,158	7,754	76,911
Disposals		(545)	-	(545)	-	(545)
Capitalizations		(13,661)	-	(13,661)	(18,763)	(32,423)
Interst and commissions		2,788		2,788		2,788
As of March 31, 2019	¢	453,179	(179)	452,999	123,618	576,617

<sup>\*</sup> See Note 33.

As of March 31, 2019, the cost per capitalized loans of Grupo ICE amounted to ¢4,520 and the capitalization rate used to determine the amount of the costs for loans that could be subject to capitalization was of 9.28% (2.40% in 2018).

<sup>\*\*</sup> Internal consumption of electricity and telephone services by the different areas of ICE.

<sup>(</sup>a) This includes the El Diquís Hydroelectric Project, which amounts to \$\psi 88,556\$ (see note 29 (c)).

## Notes to the Consolidated Financial Statements (in millions)

Below you will find a description of the nature and of the main works under construction as of March 31, 2018 and 2019.

#### (a) <u>Las Pailas II Geothermal Project</u>

As of March 31, 2019, the balance of this project is \$\psi\$172,538 (\$\psi\$166,,981 in 2018), which pertains to the cost of different works that were executed for the construction of a new geothermal plant with a power generation capacity of 55 MW. The purpose of this project, which is expected to begin operations in 2019, is to supplement the power output of the Las Pailas I Power Plant and increase the geothermal power output. The project, which is considered in ICE's electricity generation expansion plan, is located in Guanacaste and is being built on the foot of Rincón de la Vieja volcano. The estimated investment is US\$325 million.

#### (b) Boringuen Geothermal Project

This project includes the costs incurred in the development of the geothermal project known as Borinquen 1, located on the Guanacaste mountain range, on the pacific slope of the Rincon de la Vieja volcano. It will have an estimated power output of 52 MW, with an estimated cost of US\$399 million. The commissioning of the Borinquen 1 project is expected to happen on January 2022

#### (c) Business services

A "Commercial Management and Generation of Mobile Telecommunication Services Revenue" platform made up of a set of technology components and applications that allow to execute commercial processes, mediate, appraise, billing, and accounting, as well as other systems that make up the Business Support System (BSS) of mobile services As of March 31, 2019, this project had a balance of \$\xi(16,233)\$ (\$\xi(4)\$ in 2018).

#### (d) Acquisition of senior management assets:

As of March 31, 2019, the accumulated balance of \$\psi 11,583\$ (\$\psi 11,191\$ in 2018) in this line pertains to an investment made by the Administrative Financial Modernization Program (AFMP), which is a solution that integrates the redesign, integration and consolidation of operative and administrative processes of finances, supply chains, human resources and project management, per best industry practices, supported in a platform that includes software, licenses and infrastructure. Partial capitalization of the intangible assets line was also executed.

The program includes the redesign, integration and consolidation of operative and administrative processes of finances, supply chains, human talent and project management, as well as the improvement of the efficiency and availability of information for effective institutional decision making, supported in an integrated ERP (Enterprise Resource Planning) system from SAP. Its completion is expected on the first semester of 2019.

## Notes to the Consolidated Financial Statements (in millions)

#### (e) Expansion of LTE Network

As of March 31, 2019, the balance of this project is \$\psi 13,289\$ (\$\psi 10,606\$ in 2018), which pertains to costs incurred to execute the project known as "LTE Network", which has a total budget of US\$47,6, and which purpose is to increase the broadband and data transmission speeds, per the demand and needs of the end user, so as to comply with the objective of the institution of continuing to work in the expansion of the network's coverage and capabilities, thus improving customer experience.

#### (iv) Changes in classification

During 2018, Grupo ICE modified the classification of other assets to reflect the total works in progress, as these costs include the basic and final design of works, as well as the technical, economic and financial studies thereof. Comparative values in the consolidated balance sheet were reclassified so they would remain consistent. This resulted in a reclassification of ¢99,932 that were recorded as "Design and planning of the project" to "Work in progress" and ¢28,116 from "Materials in transit for investment" to "Inventories - investment".

#### (v) <u>Temporarily inactive property, plant and equipment</u>

As of March 31, 2019, a book value of ¢20,293 in equipment was considered temporarily inactive.

# Notes to the Consolidated Financial Statements (in millions)

### Note 9. Intangible assets, net

Intangible assets are described below:

	_	As of March, 31 2019	As of December, 31 2018
Intangible assets with a definite useful life:	_	<del></del>	
Licences, systems and applications (1)	¢	136,991	135,360
Submarine cable rights (2)		66,392	66,392
		203,383	201,752
Accumulated amortization:			
Licences, systems and applications (1)		(104,998)	(103,035)
Submarine cable rigths (2)		(40,814)	(39,655)
		(145,811)	(142,690)
Intangible assets with a definite useful life	_	57,572	59,062
intangible assets with an indefinite useful life:			
Rights of way and easements (3)		29,855	29,809
Goodwil net of impairmet loss		2,813	2,813
		32,668	32,622
	¢	90,240	91,684

# Notes to the Consolidated Financial Statements (in millions)

### A detail of intangible assets is shown below:

		Licenses, syste	ems and aplications	Submarine cable rights Rights of way and easeen		ay and easeents	Goodw	<u>vill</u>	<u>Totals</u>		
		As of March, 31	As of December, 31	As of March, 31	As of December, 31	As of March, 31	As of December, 31	As of March, 31	As of December, 31	As of March, 31 As	of December, 31
		2019	2018	2019	2018	2019	2018	2019	2018	2019	2018
<u>Cost</u>											
Opening balance	¢	135,360	113,216	66,392	66,392	29,809	29,266	2,813	2,813	234,374	211,687
Additions		1,631	27,143	-	-	46	531	-	-	1,677	27,673
Tranfers		-	(410)	-	-	-	12	-	-	-	(398)
Disposals			(4,588)	-	-	-	-	-	-	-	(4,588)
		136,991	135,360	66,392	66,392	29,855	29,809	2,813	2,813	236,051	234,374
Accumulated amortization	-										
Opening balance		103,035	84,520	39,655	35,089	-	-	-	-	142,690	119,609
Amortization - expense		1,762	19,128	1,159	4,566	-	-	-	-	2,921	23,694
Amortization investment		235	4,141	-	-	-	-	-	-	235	4,141
Transfers		-	(398)	-	-	-	-	-	-	-	(398)
Disposals		(35)	(4,356)	-	-	-	-	-	-	(35)	(4,356)
		104,998	103,035	40,814	39,655	-	-	-	-	145,811	142,690
	¢	31,993	32,325	25,578	26,737	29,855	29,809	2,813	2,813	90,240	91,684

## Notes to the Consolidated Financial Statements (in millions)

#### Amortization method

- Grupo ICE uses the straight-line method to compute the amortization of intangible assets licenses, systems and applications and submarine cable rights. This method computes the amortization as of the moment this asset is available for use, based on its useful life, which is established and reviewed by the technical areas defined by the sectors.
- In the case of rights of way and easements that Grupo ICE holds, it was determined that no definite term exists to generate future benefits for Grupo ICE, and, therefore, these are not amortized.
- The amortization of intangible assets with finite useful lives is calculated using the straight-line method from the first date of use, using as reference a useful life that spans between 1 and 10 years.

#### (1) <u>Licenses</u>, systems and applications

- Licenses, systems and applications are amortized in the costs and expenses accounts included in the consolidated statement of income as operation and maintenance expenses, operation and maintenance under financial lease, productivity management, operating service centers, administrative, marketing, preliminary studies, pre-investment and supplementary studies.
- As of March 31, 2019, and with the commissioning of the first stage of implementation of the Administrative Financial Modernization Program (AFMP), the group proceeded with the partial capitalization of PMAF, in the amount of ¢12,717, considering that the main modules of the integrated ERP solution were already operating and that these represented 60% of the modules of the entire solution. This software is amortized in a period of 10 years, ending on 2029.

#### (2) <u>Submarine cable right of use</u>

The investments made by Grupo ICE in submarine cables (Global Crossing and Arcos) was kept as part of the asset account "Assets in operation - transport". In 2017, after analyzing the nature and characteristics of this investment, it was decided that, in view of best accounting practices, it is best classified as an intangible asset, since it represents the right of use of optical fiber for data traffic. Thus, in 2017 the amount of that right of use was incorporated into the "Intangible assets" account, including the infrastructure built from sea level to be able to connect this cable to ICE's communication equipment on land. Therefore, it is reclassified from the "operating assets – transportation" account, to "intangible assets."

## Notes to the Consolidated Financial Statements (in millions)

The terms of such rights of use of submarine cables establish average terms of 16 years, extendable for an equal term or for the remaining useful life of the cable, whichever is shorter, at no cost for Grupo ICE, except for the monthly maintenance. Consequently, these rights are amortized; and the expense is included in the account known as "Depreciation of operating assets".

#### (3) Rights of way and easements

Rights of way and easements correspond to in rem rights acquired by Grupo ICE on land owned by third parties, in order to obtain access to develop its projects and to provide electricity and telecom services. Those rights are mainly used for transmission lines.

In accordance with the terms and conditions of the agreements, Grupo ICE is entitled to rights of way and easements that do not entail the purchase of land or assignment of property to Grupo ICE. Furthermore, the agreements do not establish a specific term in years for the exercise of that right, thus establishing a permanent easement

Consequently, management considers that these intangible assets meet the requirement of having an indefinite useful live, insofar as it is not expressed or indicated in the agreement that there is a definite term for the asset to continue generating cash flows to the entity.

#### Note 10. **Equity investments**

Equity investments are described below:

	As of March, 31 2019	As of December, 31 2018
Joint venture: Tecomunica, S.ANicaragua; 500 ordinary shares with a par value of		
C\$101.000; 50% ownership interest (1).	1,132	1,150
1 ()	1,132	1,150
Other investments:		
Consorcio Cable Maya (2)	15,085	15,085
Toro III Hydroelectric Proyect Trust (3)	11,203	11,203
Empresa Propietaria de la Red, S.A. 6.500 ordinary shares with a par value		
of US\$1.000 cada una; 11,11% owership interest (4)	3,124	3,124
Red Centroamericana de Fibras Ópticas, S.A. 280 ordinary shares with a		
par value of US\$1,000; 11.11% ownership interest (5)	143	143
Other	62	63
	29,617	29,617
!	¢ 30,750	30,768

## Notes to the Consolidated Financial Statements *(in millions)*

#### (1) <u>Tecomunica</u>, S.A. – Nicaragua

ICE and ENATREL agreed to organize a company in Nicaragua, referred to as Tecomunica, S.A., to sell and commercialize telecom services.

Grupo ICE applied the equity method to measure the value of the joint venture it has with ENATREL. The following is a summary of the financial information of Tecomunica.

		As of March, 31 2019	As of December ,31 2018
Percentage ownership interest		50%	50%
Non - current assets;	¢	1,532	1,759
Current assets:		1,400	1,087
Non - current liabilities		(37)	(47)
Current liabilities		(632)	(500)
Net assets (100%)	¢	2,263	1,800
Participación del Grupo en los activos netos (50%)		1,132	1,150
Carrying amount of interest in joint venture:		1,132	1,150
		As of March, 31 2019	As of March, 31 2018
Revenue from ordinary activities	¢	355	494
Other income		2	6
Cost of sales		97	(120)
Operating expenses		232	(181)
Interest expense		(1)	=
Income tax expense		-	
Profit or loss and total comprhensible income (100%)		27	199
Profit or loss ant total comprhensive income (50%)		14	100
Group's share of total comprenhensive incom	¢	14	100

## Notes to the Consolidated Financial Statements (in millions)

#### (2) <u>Cable Maya Consortium</u>

The investment pertains to a submarine cable system, Maya 1, that provides its services in the Caribbean to the United States, Mexico, Honduras, Cayman Islands, Costa Rica, Panama and Colombia.

The construction and maintenance agreement for the Maya 1 submarine cable was signed in 1998, for a term of 25 years as of its commissioning (first quarter of the year 2000). This is an agreement between 37 companies, for the construction of such submarine cable in the Caribbean. Grupo ICE held an equity interest of 20.87% during both years, in MIU (minimum investment units) rings.

#### (3) <u>Hydroelectric Project Toro III Trust</u>

The balance of \$\psi 11,203\$ pertains to the investment made by ICE in the Toro III project. This investment was made jointly with the *Junta Administrativa del Servicio Electrico Municipal de Cartago* [JASEC, acronym in Spanish for Administrative Board of the Municipal Electricity Service of Cartago], as explained below.

On March 9, 2006, ICE and JASEC entered into a business partnership agreement for the design, financing, construction, and operation of the Toro III Hydroelectric Power Project, through which both entities hold equal interest in terms of rights and obligations. To implement this process, in January 2008 both entities agreed to establish a Trust with *Banco de Costa Rica*, in which ICE and JASEC act as trustors and beneficiaries and *Banco de Costa Rica* as trustee. One of the duties of the trustee was to obtain the financing and manage the resources to develop the infrastructure works needed for the generation of electricity, which shall be subsequently leased to ICE and JASEC. The construction of the project was awarded under an engineering and construction agreement entered into with ICE. The term of the Trust agreement is 30 years. According to the terms of this partnership agreement, ICE recognizes for JASEC 50% of the national power output of the plant and defines a series of duties managed under common agreement.

On January 26, 2012, ICE and JASEC entered into an addendum to the aforementioned trust agreement, whereby both entities agreed to provide at least 20% of the resources necessary to finance the Project, so that the trust obtained the necessary funds to finance the remaining amount. Therefore, ICE made an in-kind contribution (construction materials and labor), equal to \$\psi 1,203\$. This contribution accounted for 10% of finance Toro 3 Hydroelectric the resources necessary to Project: remaining 10% required to comply with the provisions contained in the addendum were The estimated initial value of the project amounted to provided by JASEC. US\$214 million, which were financed with loans from Banco de Costa Rica and Banco Popular de Desarrollo Comunal, while a total of US\$44 were provided by ICE and JASEC. Upon the completion of the works, the Trust entered into a lease agreement with ICE and JASEC, using an operating agreement.

### Notes to the Consolidated Financial Statements

(in millions)

According to this business partnership agreement, ICE and JASEC hold equal interest in terms of rights and obligations; they performed the activities and actions necessary to design, finance, build, operate, and provide maintenance to Toro III Project. The amount reflected as equity investment pertains to amounts contributes to the aforementioned trust.

#### (4) Empresa Propietaria de la Red, S.A. (EPR)

- Grupo ICE holds an ownership interest in Empresa Propietaria de la Red, S.A. [EPR, its Spanish acronym], which was selected to execute the "Sistema de Interconexión Eléctrica de los Países de América Central" [Central American Electric Interconnection System or SIEPAC, its Spanish acronym] Project. This investment is jointly made by Grupo ICE with the other entities in charge of energy management in the six Central American countries and three additional entities located in Spain, Colombia and Mexico. Each of the nine countries has an interest of 11.11%, and no country can hold an equity interest greater than 15% in EPR.
- EPR's share capital is comprised of 58,500 ordinary shares, each with a par value of US\$1,000. ICE owns 6,061 shares, each with a par value of US\$1,000 (one thousand dollars) and CNFL owns 439 shares, each with a par value of US\$1,000 (one thousand dollars), for a total of 6,500 shares that amount to US\$6.5 million equivalent or \$3,124 (an 11.11% equity interest) under the control of Grupo ICE. The shares are valued at their cost of acquisition.

#### (5) Red Centroamericana de Fibras Ópticas, S.A. – Nicaragua

In 2013, Grupo ICE acquired ownership interest in *Red Centroamericana de Fibras Ópticas S.A.* [REDCA S.A., its acronym in Spanish]. The purpose of this company is to develop, finance, built, provide maintenance, operate and exploit telecom services or services related to information and communication technologies. REDCA has issued a total of 2,700 shares of stock, each with a value of US\$1,000 (one thousand dollars), and Grupo ICE owns a total of 300 shares (which amount to a 11.11% equity interest), of which 93.24% belong to ICE (280 shares) and 6.76% to CNFL.

# Notes to the Consolidated Financial Statements (in millions)

### Note 11. Cash and other accounts receivable, net

Accumulated expenses and other accounts payable are detailed below:

	_	As of March, 31 2019			As of December 31, 2018			
		Non-			Non-			
		current	Current	Total	current	Current	Total	
Notes receivable:								
Loan to automnomous entities (1)	¢	3,091	-	3,091	2,994	-	2,994	
Payment arrangements		-	546	546	-	549	549	
Other		<u> </u>	2,005	2,005		1,671	1,671	
		3,091	2,551	5,643	2,994	2,220	5,214	
Non-trade recivables:								
Other non-trade recivables (2)		-	20,107	20,107	-	20,186	20,186	
Government (3)		_	19,628	19,628	-	18,281	18,281	
Interest accrued on investments		_	3,980	3,980	-	2,534	2,534	
Other		_	2,119	2,119	-	2,709	2,709	
			45,834	45,834		43,710	43,710	
Other accounts recivable			12,843	12,843		14,128	14,128	
Allowance for non-trade recivables (4)			(1,919)	(1,919)		(1,893)	(1,893)	
Non-trade recivables,net			59,309	59,309	_	55,945	55,945	
Tax credits an/or withholding		-	8,520	8,520	-	7,370	7,370	
Advances to creditors:								
Use agreements (5)		-	22,301	22,301	-	26,015	26,015	
Government		-	2,983	2,983	-	3,529	3,529	
Employees			306	306		233	233	
		<u>-</u>	25,591	25,591		29,777	29,777	
	¢	3,091	93,420	96,511	2,994	95,312	98,306	

## Notes to the Consolidated Financial Statements (in millions)

#### (1) <u>Loans to autonomous entities</u>

Loan between ICE and Empresa Propietaria de la Red (EPR) to repay BID loan 1908, for a total of US\$4.5, equivalent to \$\psi\_3,091\$ in 2019 (\$\psi\_2,994\$ in 2018), in addition to the current asset, which amount was equivalent to \$\psi\_1,671\$ in 2018. The total term of the debt is of 25 years as of November 24, 2010, with a grace period of 5 years, payable biannually, with an annual variable interest rate equivalent to 6-Month LIBOR rate, plus a funding margin of 0.25% and an additional 0.80% in consideration of the IADB's credit margin, for a total of 3.47% (as of 2019, 3-Month LIBOR plus 1.36%, plus a funding margin of 0.12% and the IADB's credit margin of 0.85%, for a total 2.33%), without any security interest.

#### (2) <u>General debtors</u>

As of March 31, 2019, the balance includes  $$\phi 3,980$ ($\phi 2,534$ in 2018) in interest and commissions for ; and <math>$\phi 10,500$ ($\phi 11,707$ in 2018)$ in accounts receivable for unrated services.$ 

#### (3) Government

As of March 31, 2019, the transactions generated by the Government amounted to ¢19,628, in contrast with the with the ¢18,281 during 2018. These are mainly related to Digital Government services rendered, FGA expenses, and rental and sale of goods and services.

#### (4) Estimate of accounts receivable

As of March 31, 2019, the estimate of bad debts is the following:

2018
.893 1.347
-
26 546
.919 1.893

#### (5) Use agreements

The balance of \$\psi 22,301\$ (\$\psi 26,015\$ in 2018) includes a balance of \$\psi 17,891\$ (\$\psi 20,540\$ in 2018) that is associated to the rental fee paid in advance in respect of the lease agreement of the Garabito thermal power plant, entered by and between ICE and the Banco de Costa Rica, in which the latter acts as trustee of the Garabito Securitization Trust.

# Notes to the Consolidated Financial Statements (in millions)

According to such lease agreement, it came into effect on June 2010, under the understanding that the power plant would start operating as of that moment. As a result, ICE paid 7 installments in advance, in consideration of the months of June to December of 2010. Nevertheless, and due to a delay in the commissioning of the power plant, on November 19, 2010, the Management of the Executive Unit of the Garabito Thermal Power Plant and ICE agreed to apply the first installment (paid on June 2010), to the month of January 2011, and to continue accordingly until March 2022, moment when the term of the lease agreement will have run. Thereafter, as of March 2022, the ICE shall be able to use the asset for seven months in addition to those established in the agreement. That way, the ICE will maintain a credit equal to 7 monthly installments until March 2022, which amount to the sum of US\$5,230 (in thousands) per month, for a total of US\$36,610 (in thousands) or \$\psi 17,891.

#### Changes in classification

During 2018, the Grupo ICE modified the classification of notes and other accounts receivable according to the analysis made by Grupo ICE in relation to the operative flow of the SAP-ERP. The Garabito Thermal Power Plant must be considered an advance and therefore is enabled in the new accounts plan. Comparative values in the consolidated balance sheet were reclassified so they would remain consistent. This resulted in the reclassification of ¢22,323 in "Prepaid expenses" and "Trade receivables" to "Advances made by Creditors".

#### Note 12. Investments in financial instruments

Investments in financial instruments mainly correspond to investments in bonds (debt securities) with returns ranging between 5.70% and 10.95% per annum for investments in colones, and 4.83% and 10% per annum for investments in US dollars (between 5.70% and 10.95% per annum in colones, and between 4.83% and 10.00% per annum in US dollars, during 2019).

The total value of this asset comprises investments in securities in colones in the amount of ¢45,717, as well as securities in US dollars in the amount of US\$126, which is equivalent to ¢71,183 (¢51,076 in colones and ¢70,294 in US dollars, equivalent to US\$123 in 2019), with maturities between January 2020 and April 2028 (January 2020 and April 2028 in 2019). The following table contains a detailed description of this account:

		As of March 31,	As of December 31,	
	_	2019	2018	
Government (Bond)	¢	87,965	89,406	
Banco Popular y de Desarrollo Comunal (Bono)		18,103	21,106	
Banco Central de Costa Rica (Bono)		8,832	4,878	
Banco Scotiabank de Costa Rica (Bono)		2,086	2,120	
Banco Nacional de Costa Rica (Bono)		1,993	-	
Mutual Cartago de Ahorro y Préstamo		-	1,500	
Grupo Mutual Alajuela-La Vivienda de Ahorro y Préstamo		-	1,004	
Banco Davivienda (Costa Rica) S.A.		-	1,000	
Banco de San José (BAC)		-	2,515	
Other		1,640	1,654	
		120,619	125,183	
Investement valuation		(3,718)	(3,845)	
	¢	116,901	121,338	

# Notes to the Consolidated Financial Statements (in millions)

#### Note 13. Guarantee and Savings Fund

The "Guarantee and Savings Fund" is a separate vehicle created in conformity with Article 17 of Act No. 449, dated April 8, 1949; Act No. 3625, dated December 16, 1965; and Article 2 of the Insurance, Disability, and Death Regulations of the Costa Rican Social Security Administration (CCSS), which does not have its own legal capacity and therefore uses ICE's legal capacity, for all legal purposes.

The Guarantee and Savings Fund manages the contributions made by ICE and its employees, as applicable, to the Supplementary Pension Regime,, the Guarantee and Savings Regime, the Mutual Fund, and the Severance Benefits Fund. The Guarantee and Savings Fund is directed by a Managing Board composed of 12 members, six appointed by ICE and six appointed by the employees (in both cases, three regular and three alternate members). This Board is subordinate to ICE's Board of Directors. The management of those resources is performed through separate vehicles and identified as the Guarantee and Savings Fund, the Supplementary Pension Regime,, the Mutual Fund, and Severance Benefit Fund.

The "Guarantee and Savings Fund" account balance reflects the total amount of Grupo ICE's economic contributions to the Guarantee and Savings Fund System and the Supplemental Pension System and reflects the capitalization amounts recognized by both systems on those contributions, net of advance withdrawals, pension rights, settlements and actuarial adjustments. The following table contains a detailed description of this account:

Contribution to the Supplemental Pension System Contribution to the Guarantee and Saving Fund

	As of March 31,	As of December 31,		
	2019	2018		
¢	136,038	132,874		
	87,194	89,338		
¢	223,233	222,212		

The liability or the obligation related to pensions in process of payment, and the net assets available to cover future pension benefits of active workers, are reflected in the accounting records of the Supplementary Pension Regime. This vehicle is subject to the regulations issued by the Superintendency of Pensions [SUPEN, its Spanish acronym], the entity that regulates the country's pension system.

As of March 31, 2019, and according to the financial statements of the Supplementary Pension Regime, the pensions provision or ongoing obligation amounted to \$\psi\144,786\$ (\$\psi\139,831\$ in 2018), and the value of net assets available to pat for benefits of future pensions, as of March 2019, was estimated at \$\psi\180,469\$ (\$\psi\182,537\$ in 2018). These figures have been calculated by an independent actuary using the Projected Credit Unit methodology. The following are the main actuarial assumptions included in this calculation.

	As of March 31,	As of December 31,
	2019	2018
Real discont rate	4.25%	4.25%
Nominal discount rate	8.42%	8.42%
Expected salary increase rate	2%	2%
Average retirement age of current emplyees (years);		
Men	62	62
Women	60	60
Long-term inflation rate	4%	4%

# Notes to the Consolidated Financial Statements *(in millions)*

#### Note 14. <u>Inventories, net</u>

Inventories are detailed as follows:

		As of March 31,	As of December 31,
		2019	2018
Operating inventory	¢	99,480	110,684
Materials in transit for operation		31,392	30,138
Materials and equipment held in custody		1,235	533
	_	132,107	141,355
Allowance for valuation of inventory		(29,207)	(28,989)
	¢	102,900	112,366

The amount of inventories recognized as sales expenses during 2019 is \$\psi 29,099\$ (\$\psi 29,161\$ in 2018).

The following table includes the estimations used for the appraisal of inventories:

		As of March 31,	As of December 31,
		2019	2018
Balance at the beginning of the period	¢	28,989	29,975
Allowance used during the period		(671)	(2,756)
Allowance accepted during the period		197	1,809
Net realizable value		691	(37)
Balance at the end of the period	¢	29,207	28,989

During 2017, the net realizable value policy was implemented for ICE's inventories. This required an accounting adjustment to mobile terminals available for sale, both for the current and prior periods. This used an alternate basis for each presentation date of the report (see note 3).

# Notes to the Consolidated Financial Statements (in millions)

#### **Note 15.** <u>Temporary investments</u>

As of March 31, 2019, the Grupo ICE holds securities available for sale, including certificates of deposit, monetary stabilization bonds, securities and bonds from private entities in the amount of \$\psi 65,578\$ (\$\psi 48,740\$ in 2018) of which \$\psi 52,514\$ are in colones and \$\psi 13,064\$ are in US dollars (\$\psi 45,054\$ in colones and \$\psi 3,686\$ in US dollars in 2018), with interest rates that range from 4,58% to 10.50% per annum (4.45% and 10% per annum in 2018) and maturities that range from 1 to 12 months for both years.

As of March 31, 2019, it holds investments held to maturity, such as zero-coupon securities, in an amount of  $$\xi 7,496$ ($\xi 4,746$ in 2018)$ .

		As of March 31,	As of December 31,
		2019	2018
Held-to-maturity investments	¢	65,578	48,740
Available-for-sale investments		7,496	4,746
Valuation of investments		(127)	(35)
	¢	72,947	53,451

#### Note 16. Restricted Use Funds

The following table describes restricted use funds:

		As of March 31,	As of December 31,	
		2019	2018	
In U.S. dollars	¢	1,083	470	0
In colones		498	547	7
	¢	1,581	1,017	7

# Notes to the Consolidated Financial Statements (in millions)

#### Note 17. Accounts receivable, net

Trade receivables are detailed below:

	As	of March 31,	As of December 31,		
		2019	2018		
Other receivables	¢	150,106	133,504		
Government		31,346	28,704		
Other		1,582	392		
Private banking entities		68	70		
Associates		29	0		
		183,130	162,670		
Allowance for doubtful accounts		(37,672)	(39,272)		
	¢	145,458	123,398		

The transactions to estimate bad debts are detailed below:

		As of March 31,	As of December 31,
		2019	2018
Balance at the beginning of the period	¢	39,272	58,359
Allowance used during the period		(2,815)	(29,795)
Allowance accepted during the period		1,215	10,708
Balance at the end of the period	¢	37,672	39,272

Group exposure to credit and market risk, and impairment losses related to commercial debtors are explained in note 35.

### Note 18. Prepaid expenses

The prepaid expenses are detailed below:

		As of March 31,	As of December 31,
		2019	2018
Mobile terminals and devices	¢	28,357	34,619
Debt interests		6,224	15,497
Other		463	655
	¢	35,044	50,771

#### (1) Debt interest

As of March 31, 2019, the debt interest of Grupo ICE amounted to \$\psi 6.224\$ (\$\psi 15.497\$ in 2017), which pertained to the financial cost of the obligation that arose out of the financial lease agreement executed by ICE under the Reventazón Hydroelectric Project Trust (see notes 8 and 20 (c)).

# Notes to the Consolidated Financial Statements (in millions)

### Note 19. Cash and cash equivalents

The group's cash and cash equivalents are detailed in the following table:

	A	As of March 31,	As of December 31,
		2019	2018
Cash on hand and in banks	¢	333,345	108,394
Temporary investments		38,228	30,261
	¢	371,573	138,655

A detailed description of the characteristics of the temporary investments is included below:

						As of Marc	h 31, 2019
	Currency	Issuer	Type of financial instrument		Balance	Rate of return	Term in months
Held to maturity	Colones	Ministerio de Hacienda	Bonos cupón cero	¢	5,000	0.0552	09 Abri 2019
		Popular SAFI	Fondo de Inversión		4,715	4,62% - 4,77%	21 Jul 2017- 30 Oct 2018
	US Dólares	BCR	Certificado depósito		0	0.0175	05 Dic 2017- 31 Mar 2019
		Ministerio de Hacienda	Fondo de Inversión		120	0.0147	08 Marz 2019- 08 Mayo 2019
		BN FONDOS	Fondo de Inversión		759	0.0198	30 Oct 2018- Vista
Fair value	US Dólares	Popular SAFI	Fondo de Inversión		630	1,79% - 1,90%	21 Jul 2018- 30 Oct 2019
		BICSA	Overnight no ICE		11,586	0.0040	A la vista
Available for sale	Colones	F.I. ND BN SUPERFONDO USD	Fondos de inversión		0	0.0360	A la vista
		BCR Valores, Puesto de Bolsa S.A.	Recompra		826	0.0649	13/05/2019
		BCR Valores, Puesto de Bolsa S.A.			1,626	0.0649	13/05/2019
		BN Valores, Puesto de Bolsa S.A.	Recompra		1,177	0.0648	23/04/2019
		BN Valores, Puesto de Bolsa S.A.			411	0.0655	10/04/2019
		Popular Valores, Puesto de Bolsa S.A.	Recompra		848	0.0653	09/04/2019
	US Dólares	Popular Valores, Puesto de Bolsa S.A.			462	0.0654	10/04/2019
		BCR Valores, Puesto de Bolsa S.A.	Recompra		732	0.0463	03/05/2019
		BCR Valores, Puesto de Bolsa S.A.			638	0.0463	03/05/2019
		BCR Valores, Puesto de Bolsa S.A.			486	0.0462	03/05/2019
		BCR Valores, Puesto de Bolsa S.A.			285	0.0461	25/04/2019
		BCR Valores, Puesto de Bolsa S.A.			321	0.0461	25/04/2019
		BCR Valores, Puesto de Bolsa S.A.			540	0.0465	23/04/2019
		BCR Valores, Puesto de Bolsa S.A.			866	0.0464	08/04/2019
		BN Valores, Puesto de Bolsa S.A.	Recompra		312	0.0464	13/05/2019
		BN Valores, Puesto de Bolsa S.A.			392	0.0464	13/05/2019
		INS Valores, Puesto de Bolsa S.A.	Recompra		185	0.0461	26/04/2019
		INS Valores, Puesto de Bolsa S.A.			415	0.0461	26/04/2019
		INS Valores, Puesto de Bolsa S.A.			529	0.0461	24/04/2019
		INS Valores, Puesto de Bolsa S.A.			375	0.0461	24/04/2019
		INS Valores, Puesto de Bolsa S.A.			341	0.0461	24/04/2019
		Popular Valores, Puesto de Bolsa S.A.	Recompra		911	0.0464	08/05/2019
		Popular Valores, Puesto de Bolsa S.A.	·		471	0.0464	09/05/2019
		Popular Valores, Puesto de Bolsa S.A.			260	0.0464	08/05/2019
		Popular Valores, Puesto de Bolsa S.A.			807	0.0464	09/05/2019
		Popular Valores, Puesto de Bolsa S.A.			284	0.0461	23/04/2019
		Popular Valores, Puesto de Bolsa S.A.			915	0.0461	23/04/2019
				¢	38,228		

				_		As of December	er 31, 2018
	Currency	Issuer	Type of financial instrument		Balance	Rate of return	Term in months
Held to maturity	Colones	Ministerio de Hacienda	Bonos cupón cero	¢	5,000	0	10 Ene 2019
		Popular SAFI	Fondo de Inversión		6,626	3,55% - 4,79%	07 Jul 2018- 30 Oct 2018
	US Dólares	BICSA	Certificado depósito		2,508	1,50%-3,50%	18 Jul 2018- 07 Feb 2019
		BN FONDOS	Fondo de Inversión		778	0	30 Oct 2018- Vista
		Popular SAFI	Fondo de Inversión		632	1,79% - 1,98%	21 Jul 2018- 30 Oct 2019
Fair value	US Dólares	BICSA	Overnight		12,562	0	Demand
		F.I ND INS LIQUIDEZ USD	Fondos de Inversiones		2	0	Demand
		F.I. ND BCR MIXTO USD	Fondos de Inversiones		2,153	0	Demand
				¢	30,261		

# Notes to the Consolidated Financial Statements (in millions)

## Note 20. Financial debt

### a. <u>Debt securities payable</u>

The balances of debt securities payable (bonds) issued by Grupo ICE are included in the following table:

	Currency	Interest rate	Year of	As of M		· · · · · · · · · · · · · · · · · · ·	As of December 31, 2018		1,
	Currency	interest rate	maturity		Non-current	Total	Non-current	Corriente	Total
Internal debt:									
Bond issue	¢	Variable between 7,55% and 9,28% and fixed 11,41% (2018: variable between 7,70% and 9,43% and fixed 11,41%)	2020-2035	¢	491,274	491,274	282,484	-	282,484
Bond issue	US\$	Fixed between el 5,98% and el 7,65% (2018: fixed between 5,97% and 7,65%)	2020-2027		256,268	256,268	321,463	19,482	340,945
External debt:									
Bond issue	US\$	Fixed between 6,38% and 6,95%, in 2019 and 2018	2021-2043		447,563	447,563	607,818	-	607,818
				¢	1,195,105	1,195,105	1,211,765	19,482	1,231,247

Debt securities payable (bonds) in US dollars amount to US\$1,523 (US\$1,557 in 2018). These obligations are backed with a generic guarantee issued by ICE.

# Notes to the Consolidated Financial Statements (in millions)

### b. Notes payable

Notes payable, arising from loans in colones, US dollars and yens, are detailed below:

		As of March	As of December
		31	31
		2019	2018
<u>Internal debt:</u>			
In colones	¢	164,980	169,297
In U.S. dollars		46,899	47,917
External debt:			
In colones		105 024	105 024
		105,034	105,034
In U.S. dollars		571,523	545,768
In yens		113,484	112,177
		1,001,921	980,193
Non-current		871,217	887,060
Current		130,704	93,133
	¢	1,001,921	980,193

The following table includes a description of the notes payable to creditors:

		As of March	As of December
		31	31
		2019	2018
Internal debt:			
State-owned banks	¢	207,354	212,681
Private banks		4,525	4,533
External debt:			
Private banks		784,620	757,010
Other creditors		5,421	5,970
	¢	1,001,921	980,193

Notes payable in US dollars amounted to US\$961 and in Yens to \$20.912 (US\$978 and \$20.177 in 2018).

### Notes to the Consolidated Financial Statements

(in millions)

Total non-current notes payable, which amounts to &871,217 (&887,060 in 2018) is included in 2019 in the amount of &834,887 (&849,124 in 2018), linked to the electricity sector, and &836,330 (&837,936 in 2018), linked to the telecom sector. Regarding total current notes payable, which amount to &830,704 (&830,704 (&830,704), &830,704 (&830,704), &830,704 (&830,704), &830,704 (&830,704), pertain to the electricity sector and &830,704 (&830,704) pertain to the telecom sector.

The characteristics of these notes payable are detailed below:

	Interest rate	Currency	Term
	Variable between 8,35% and 9,70% (2018: variable between 8,40% and 9,70%).	¢	Maturing between december 03, 2021 and october 21, 2045
Internal debt:	Variable between 8,04% and 8,63% Fixed between 5,95% and 8,50% (2018: variable between 6,25% and 8,31% Fixed between 5,95% and 8,50%).	US\$	Maturing between august 26, 2019 and september 13, 2043
	Variable between 7,50% and 7,70% Fixed 7,51% (2018: variable 7,60% and fixed 7,51%).	¢	Maturing between may 25, 2034 and 15 october, 2037
External debt:	Variable between 3,06% and 7,74% Fixed between 0,70% and 6,40% (2018: variable between 3,42% and 7,88% fixed between 2,95% and 6,40%).	US\$	Maturing between august 09, 2019 and september 15, 2040
	Fixed between 0,60% and 2,20%, in 2019 and 2018.	JPY	Maturing between april 20, 2026 and juny 20, 2057

Total notes payable amounted to \$\psi 1,001,921\$ (\$\psi 980,193\$ in 2018), and include loans in the amount of \$\psi 721,144\$ (\$\psi 700,281\$ in 2018) and a generic guarantee of ICE (no security interest) and \$\psi 280,777\$ (\$\psi 279,912\$ in 2018) owed by the Government of the Republic.

Credit agreements usually establish a series of commitments in terms of environment, law, finances, operations and business, among others, that the debtor must oversee and that are typically known as covenants. In the particular case of ICE, some of the agreements executed to date include "Positive covenants" and "Negative covenants," which establish commitments ICE must unavoidably comply with and restrictions or limitations to certain acts, that generally require previous approval from the creditor entity. Financial covenants are usually related to financial ratios based on the EBITDA (in some cases including lease payments), such as EBITDA coverage ratio, net debt to total assets, etc.

Some of the loan agreements also establish clauses called:

- a) Cross Default: these indicate that upon execution of the agreement, ICE expressly
  - and irrevocably accepts that failure to comply with its payment and/or other obligations, terms and conditions of the credits that Grupo ICE has with other creditors, are considered causes of early termination of the loan with the "Cross Default" clause, as well as of all the loans of such creditor.
- Pari Passu Obligations: whereby ICE agrees that its obligations under the corresponding agreement and its guarantees constitute, in every moment, obligations with a payment priority at least equivalent (pari passu) to any other obligations, current or future, arising from any of the debts that Grupo ICE assumes (other than any debt that legally ranks higher in preference).

# Notes to the Consolidated Financial Statements (in millions)

In addition, Grupo ICE has the obligation to comply, among others, with the following general clauses, which are detailed in some of the loan agreements:

- a) It will not merge or consolidate with any person, or will allow that any of its subsidiaries does, except that: (a) any subsidiary of the Borrower (ICE) might merge or consolidate with any other subsidiary of the Borrower, and (b) any subsidiary of the Borrower merges with the Borrower, and (c) any merge or consolidation approved by the Creditor (Bank), provided that, in each case, noncompliance had not occurred and continued at the moment of such proposed transaction, or that noncompliance arises from it.
- b) It will not sell, lease, transfer or otherwise dispose, nor will it allow that any subsidiaries sell, lease, transfer or otherwise dispose of assets, nor will it grant any
  - option or any other right to buy, lease or otherwise acquire assets, except by (1) selling inventory in the ordinary course of business, (2) a transaction authorized by the Bank, and (3) selling assets at their fair value for a total amount that does not exceed US\$20 million (or its equivalent in other currencies) in any year.
- c) It will not enter into any agreement by virtue of which it agrees or is required to share with third parties the income that it directly or indirectly obtains from the works built with financing obtained from the entities shown on the previous table.
- d) It will not create or accept the existence, nor will it allow that any subsidiaries create or accept any encumbrance levied upon any of its property, whether now or in the future owned by ICE, nor will it transfer or let any subsidiaries transfer any right to receiving income from the works that will be financed by obligations incurred with the Bank.
- e) It will have and make each of its subsidiaries acquire insurance with responsible or reputable insurance associations or companies, in the amounts and with the coverages usually engaged by companies with similar trades, and that have similar properties in the same general areas in which the Borrower or such subsidiary operate.
- f) It will comply and make that each of its subsidiaries substantially comply with , the laws, rules, regulations and applicable orders, and such compliance shall include,
  - among others, compliance with environmental laws, except when it is not reasonably expected that noncompliance has a substantial negative effect.
- As of March 31, 2019, quarterly compliance financial covenants regarding debt agreements comply with the established limits.
- Note 35 includes information about the Group's exposure to interest rate, foreign exchange and liquidity risks.

# Notes to the Consolidated Financial Statements (in millions)

#### c. Financial lease obligations

The balances of the obligations relating to financial leases are detailed below:

8	5			Al 31 de marzo de			Al 31 de diciembre de			
		A mada			2019		2018			
	Tasa de interés	Año de vencimiento No corriente		No corriente	Corriente	Total	No corriente	Corriente	Total	
Fideicomisos en colones										
Centro Empresarial La Sabana	Variable del 8,70% (variable del 8,60%, en el 2018)	2030	¢	17.159	896	18.055	17.500	888	18.388	
Range	Variable del 8,60% (variable del 8,40%, en el 2018)	2034		20.615	1.361	21.976	20.926	1.279	22.205	
P.H. Reventazón	Variables del 8,75%, en el 2019 y el 2018	2033		214.399	7.520	221.919	214.690	7.520	222.210	
Fideicomisos en US dólares										
P.H. Reventazón	Variable del 6,94%, en el 2019 y 2018	2033		231.503	10.324	241.827	234.941	10.502	245.443	
			¢	483.676	20.101	503.777	488.057	20.189	508.246	

Financial lease obligations in US dollars amounted to US\$410, as of March 31, 2019 and as of December 31, 2018.

The balances detailed herein are related to obligations derived from the financial lease agreements entered by IICE with the Trusts PH Reventazón, ICE/BCR Real Estate Securitization Trust, ICE-Range-BCR Trust, associated with the Reventazón Hydroelectric Plant, *Centro Empresarial La Sabana*, and the design, construction, and maintenance of the new generation access network, respectively. In the case of P.H. Reventazón, the liability is associated with the balance of the obligations in colones and US dollars that the Trust assumed with its creditors (see note 8 (i)).

# Notes to the Consolidated Financial Statements (in millions)

### d. Reconciliation between changes in liabilities and cash flows resulting from financing activities

			Liab	ilities	
	_	Securities payable	Loans payable	Finance lease obligations	Total
Balance as of December 31, 2017	¢	1,151,314	983,691	508,612	2,643,617
Changes due to cash flows from financing activities			-		
Disbursements		18,672	51,427	7,784	77,883
Amortization		-	(103,206)	(23,652)	(126,858)
Total changes due to cash flows from financing activities	_	18,672	(51,779)	(15,868)	(48,975)
Effect of exchange rate variations		61,261	48,281	15,502	125,044
Balance as of December 31, 2018	¢	1,231,247	980,193	508,246	2,719,686
	_		Liab	ilities	
	_	Securities payable	Loans payable	Finance lease obligations	Total
Balance as of December 31, 2018	¢	1,231,247	980,193	508,246	2,719,686
Changes due to cash flows from financing activities					
Disbursements		-	50,714	-	50,714
Amortization		(20,255)	(16,553)	(325)	(37,134)
Amortized cost		(1,016)	229	(537)	(1,324)
	_	(1,010)		(661)	( )- /
Total changes due to cash flows from financing activities	_	(21,271)	34,390	(862)	12,257
	<del>-</del> -				

# Notes to the Consolidated Financial Statements (in millions)

#### Note 21. Employee Benefits

Legal benefits provided to employees are described below:

	_	As	of March 31,	,	As o	of December	31,
			2019			2018	
		Non- current	Current	Total	Non- current	Current	Total
Severance benefits	¢	45,284	7,222	52,506	42,657	7,291	49,948

A detail of these employment obligations is presented below:

		As of
		March 31,
		2019
Opening balance	¢	49,948
Expensed - investment		535
Expensed - operation		5,856
Used		(5,320)
Audit adjustments pending registration		1,487
Total	¢	52,506
		,
		As of
		December
		31, 2018
Opening balance	¢	108,627
Expensed - investment	,	2,288
Expensed - operation		(11,988)
Used		(35,806)
Audit adjustments pending registration		(13,173)
Total	¢	49,948

The net obligation of ICE, in relation to benefit plans for employees (legal benefits - severance pay) is computed separately for each plan, estimating the value of the future benefit that employees have accrued and are entitled to in their current and previous periods, discounting such value and subtracting the fair value of the plan's assets (severance pay advances, if any).

Computation of employee benefits obligations is done annually by a qualified actuary using the projected unit credit method, also known as the accumulated benefits method or the years served method. When the computation results in a possible asset for ICE, the asset recognized is limited to the present value of the economic benefits available as future reimbursements of the plan or otherwise as reductions in future contributions for such plan. To calculate the present value of economic benefits, minimum financing requirements must be considered.

## Notes to the Consolidated Financial Statements

(in millions)

- The new measurements of defined net benefits liabilities (employee benefits), that include actuarial profit or losses, the yield of the asset's plan, if any, (excluding interest) and the effect of the asset's ceiling (if any, excluding interest), are all immediately recognized as other comprehensive income. The ICE determines the interest expense incurred as a result of the net employee benefits liability of the period by applying the discount rate used to measure the obligation for benefits to employees at the beginning of the reporting period in respect of the net employee benefits liability, considering any change in the employee benefits liability during the period as a result of the contributions and payments of benefits. The interest expense and other expenses related to employee benefit plans are recognized in the results.
- Whenever the benefits of a plan are modified or decrease, the resulting change in the benefit that is related to the past service or the profit or loss for the decrease is immediately recognized in the results. The ICE acknowledges profit or loss in the settlement of employee benefit plans whenever these occur.
- It is recorded as a current provision for employee benefits (legal benefits). The estimated sum is required to make severance payments to employees, in a period of one year or less, in accordance to the result of the actuarial study of such benefit.
- ICE's obligation in respect of legal benefits of its employees is computed annually using the projected unit credit method, also known as the method of accumulated benefits method or the years served method.

### Benefit - Supplementary pension regime

To face the payment of this benefit, each month the ICE transfers an amount equivalent to 3.5% of the monthly gross salary and of the *School Aid* of each worker to the legal benefits fund, which is managed by the "Savings and Guarantee Fund". From the yields of such contributed amount, those associated to the 2.5% are transferred to the supplementary pension regime, while those resulting from the remaining 1% are capitalized in the legal benefits fund in order to strengthen it. To quantify the obligation for the legal benefits, each year, starting on 2016, the ICE prepares an actuarial study, with the help of an independent actuary, using the projected unit credit method.

### Benefit - Guarantee and Savings Regime

The Guarantee and Savings Regime was established with the sole purpose of providing housing and other kinds of support to workers. This benefit is funded with monthly contributions made by ICE equal to 5% of the gross salary of its workers (6% up to June, 2016), and by a contribution made by the workers equal to 5% of their gross salary. Contributions made by ICE are accounted for as an expense. These contributions are transferred and managed by the Guarantee and Savings Fund-Supplementary Pension Regime, which is a separate vehicle, as is further described in note 13. The main activity of this vehicle is to grant mortgage and fiduciary loans, among other services, to satisfy the aforementioned needs, as well as to drive returns from the resources received as contributions. At the end of each period, any surplus generated by such activity is distributed, thus increasing the value of institutional and personal contributions, in a proportion that is defined by such Fund's Management Board. After 20 years of working for the ICE, any worker that retires without employer liability, is entitled to withdraw the balance shown in his personal savings account, as well as the contributions made by ICE, see note 13.

# Notes to the Consolidated Financial Statements (in millions)

Since this plan consists of set contributions, the implicit obligation of the ICE is limited solely to the contribution that it voluntarily agrees with the employees to make to the fund that the Regime manages, so that the amount of the benefits to be received by the employee or the worker can be determined by the amount of the contributions paid by the ICE, in conjunction with the yields of the investments resulting from the contributions. Consequently, the actuarial and investment risks are undertaken by the employee.

#### Note 22. Accounts payable

Accounts payable are detailed below:

		As of March 31,	As of December 31,
		2019	2018
Government	¢	150,966	19,823
Taxes and withholdings payable		15,398	12,445
Other creditors		225,651	138,944
		392,016	171,212
Less reclassification of non-current portion	¢	(8,470)	(7,605)
Current	¢	383,546	163,606

Note 35 includes information about the Group's exposure to interest rate, foreign exchange and liquidity risks.

#### **Note 23.** Deferred income

Current and non-current deferred income are described below:

		As	of March 31	,	As o	of December	31,	
			2019			2018	018	
		Non- current	Current	Total	Non- current	Current	Total	
Prepaid mobile services (1)	¢	-	3,845	3,845	-	5,311	5,311	
Government grants (2)		6,365	281	6,645	6,495	281	6,776	
Transfer of spare parts - materials (3)		-	10,395	10,395	-	10,115	10,115	
Other			12,339	12,340		12,457	12,457	
Total	¢	6,365	26,860	33,225	6,495	28,164	34,659	

The following is a description of the nature of the main deferred income recorded by Grupo ICE.

#### (1) <u>Prepaid mobile:</u>

It corresponds to the income received in advance related to the sale of prepaid mobile services, which has not been consumed by clients as of the closing date. The income received for prepaid mobile services is recognized in the consolidated balance sheet when Grupo ICE receives the money from its clients and wholesalers, and is recognized in the consolidated statement of income as end users use the services.

#### (2) <u>Government subsidies:</u>

## Notes to the Consolidated Financial Statements

(in millions)

Within the framework of the "Cool Earth Partnership" Japanese initiative, the Japanese government granted Grupo ICE a donation of approximately US\$10.5 to build the "Photovoltaic System" located in Sabana Norte, with a capacity of 3KW expected to generate 3.5 Kh; and from the "Solar Park of Miravalles", located in la Fortuna de Bagaces, with an installed capacity of 1MW, expected to generate 1.2Gwh. Grupo ICE recognizes the subsidies of the governments, local or international, in the consolidated statement of financial position once they are granted to it, and are systematically transferred to the consolidated statement of income according to the useful life of the asset related to the received subsidy.

Additionally, funds from the Project and Program Management Trust of the National Telecommunications Fund [FONATEL, its Spanish acronym] are also recorded. The funds are aimed at directly subsidizing the voice and broadband Internet services rendered to centers that provide public services in the defined service area.

#### (3) <u>Transfer of ownership of spare parts – materials:</u>

This pertains to the transfer of ownership on behalf of Grupo ICE of the costs of spare parts, assets and tools required to provide maintenance to the Toro III and Garabito Plants, over which ICE did not make any expenditure. This income is realized on the statement of income, once the contractually established maintenance services are provided, and the inventories transferred to ICE are used.

#### Note 24. Other provisions

Other legal provisions are detailed as follows:

		As of March	As of
		31,	December 31,
		2019	2018
Litigation provision (note 36)		1,407	1,661
Provision for mobile terminal warranties		1,061	1,546
	¢	2,468	3,207
Less: current portion		(2,175)	(2,860)
Other non-current provisions	¢	293	347

# Notes to the Consolidated Financial Statements (in millions)

A detail of these provisions is presented below:

_	1	As of March 31, 2019	
	Litigation provision	Provision for mobile terminal warranties	Total
¢	1,661	1,546	3,207
	(222)	-	(222)
	-	(485)	(485)
	(32)		(32)
¢	1,407	1,061	2,468
_	As	s of December 31, 2018	
_	Litigation provision	Provision for mobile terminal warranties	Total
¢	1,849	1,794	3,643
	28	-	28
	(214)	-	(458)
	-	(248)	(248)
	(2)		(2)
¢	1,661	1,546	3,207
	¢ = -	Litigation provision  ¢ 1,661 (222) - (32) ¢ 1,407  A:  Litigation provision  ¢ 1,849 28 (214) - (2)	Litigation provision   mobile terminal warranties    \$\psi\$

#### Note 25. Other liabilities

Other liabilities are detailed below:

	As of March 31,	As of December 31,
	2019	2018
¢	54,295	53,894
	10,262	9,879
	(2,621)	(3,224)
	81	74
	62,018	60,623
	(54,376)	(53,967)
¢	7,642	6,655
	,	\$\frac{31,}{2019}\$ \$\phi\$ 54,295 \$10,262 \$(2,621) \$\frac{81}{62,018}\$ \$(54,376)

The balance of security deposits is equal to \$\psi 54,295\$ (\$\psi 53,893\$ in 2018), of which \$\psi 27,792\$ belong to the electric sector (\$\psi 27,250\$ in 2018), in consideration of amounts collected from clients, equal to one month of power and energy invoicing, as a means to guarantee the payment of services, and \$\psi 26.503\$ (\$\psi 26,643\$ in 2018) associated to the telecom sector, which belong to deposits requested to customers to secure the services being rendered, both for mobile, fixed and roaming telephone services.

Notes to the Consolidated Financial Statements (in millions)

### Note 26. Accrued employer obligations payable

Accrued employer obligations payable are detailed below:

		As of	As of
		March 31,	December 31,
		2019	2018
Back-to-school bonus	¢	6,419	21,112
Vacation		25,723	23,020
Statutory Christmas bonus		10,018	2,280
Occupational hazard insurance		27	86
Third and fifth biweekly salary payment		908	
Total	¢	43,095	46,498

A detail of these employment obligations is presented below:

		As of March 31, 2019											
		Vacation	Statutory Christmas bonus	Back-to- school bonus	Third and fifth biweekly	Occupational hazard insurance	Compensation for payroll downsizing	Total					
Opening balance	¢	23,020	2,280	21,112	_	86	_	46,497					
Provisions made during the year - investment	,	356	1,714	806	2,084	413	_	5,373					
Provisions made during the year - operation		4,722	5,241	4,599	2,00.	-	_	14,562					
Provisions used during the year		(4,295)	(45)	(20,739)	(1,176)	(472)	_	(26,726)					
External audit adjustments pending registration		1,920	829	640	-	-	-	3,389					
3 1 6 6	¢	25,723	10,018	6,419	908	27		43,095					
			As of December 31, 2018										
		Vacation	Statutory Christmas bonus	Back-to- school bonus	Third and fifth biweekly	Occupational hazard insurance	Compensation for payroll downsizing	Total					
Opening balance	ć	19,770	1,930	21,119		92	8	42,919					
Provisions made during the year - investment	y.	1,972	5,830	2,964	11,491	2,018	2	24,277					
Provisions made during the year - operation		19,369	18,165	19,169	-	2,010	-	56,704					
Provisions used during the year		(18,091)	(23,646)	(22,140)	(11,491)	(2,025)	(10)	(77,402)					
<i>5</i> - <i>y</i>	¢	23,020	2,280	21,112	- ( 1,1,2 1)	86	- (-+)	46,498					

Regarding the *School Aid*, this is accrued during the year and is paid to employees on January of the following year.

# Notes to the Consolidated Financial Statements (in millions)

#### Note 27. Memorandum accounts

Memorandum accounts are described below:

	As of March 31,	As of December 31,
	2019	2018
Guarantees received:		
Performance bonds (1) ¢	121,818	122,426
Collection agents (2)	10,478	7,142
Bid bonds (3)	2,223	1,315
Security deposits	191	346
Subtotal guarantees received	134,710	131,229
Credit memoranda accounts - other - performance bonds	1,692	1,692
Terminals received from the client	513	297
Assets in consignment	1,616	1,308
Contingent assets:		
Guarantee and Savings Fund	33,308	31,657
CNFL Employees Association (ASEFYL)	14,734	14,265
Performance bonds - procurement	1,072	1,159
Materials in transit	524	313
Bid bonds	963	961
Collection of electricity services	1,164	1,188
Materials loan	129	148
Employee guarantees	289	282
Rental of posts	210	206
Performance bonds - labor contracts	183	181
Security deposits (electricity consumption)	377	377
Valle Central Wind Power Plant	87	88
CNFL performance bonds	796	810
Subtotal contingent assets	53,836	51,635
Contingent liabilities:		
Payment arrangements - financing of appliances	86	95
¢	192,453	186,256

A description of the nature of the memorandum accounts is included below.

### (1) <u>Performance bonds</u>

These are guarantee bonds issued to guarantee that the goods and services offered by a supplier will be delivered or rendered to Grupo ICE in accordance with the agreed terms and that, in the event of non-compliance, Grupo ICE will be compensated by executing the performance guarantee provided.

# Notes to the Consolidated Financial Statements *(in millions)*

#### (2) <u>Collection Agents</u>

These are guarantees that Grupo ICE receives from external collection agents to ensure the recovery of public funds held in custody by those agents for a specified period.

#### (3) Bid Bonds

Bid bonds correspond to bonds that guarantee the participation of bidders of goods and services in Grupo ICE's tender processes and, if awarded the contract, that the bidders will comply with the procedures established in the corresponding award.

### Note 28. Operating revenue

### Regulation of Electricity Services

- The "Costa Rican Public Service Regulation Authority [ARESEP, its Spanish acronym] Act", No. 75933, of August 9, 1996 establishes that "the Regulation Authority will set prices and rates, and enforce compliance with standards of quality, quantity, reliability, continuity, timeliness, and optimum rendering of public services", specifically with respect to the generation, transmission, distribution, and sale of electric power.
- On March 19, 2012, through Resolution RJD-017-2012, published in La Gaceta No. 74 of April 17, 2012, the Regulatory Committee of ARESEP published the methodology used to extraordinarily adjust electricity rates as a result of the cost of fuel, per what the Variable Fuel Cost [CVC, its Spanish acronym] methodology states. The ARESEP started applying this methodology on January 1, 2013.
- This methodology allows a faster recovery of the differential between actual and estimated fuel expenses from thermal generation since it considers the quarterly review to make the necessary adjustments in the rate schedules applicable in the following quarter.

# Notes to the Consolidated Financial Statements (in millions)

#### <u>Telecom Service Regulation</u>

Article 50, "Prices and rates", of the "General Telecommunications Act", No. 8642, dated May 14, 2008, states that "rates for public telecom services shall initially be set by the Superintendency of Telecommunications [SUTEL, its Spanish acronym] using the price ceiling methodology or any other system that promotes competition and the efficient use of resources, in accordance with the guidelines, procedures, and frequency defined in regulations".

Through Decision No. RSC-295-2012, SUTEL authorizes operators to modify the modality under which prepaid mobile Internet data transfer services are charged. Also, as published in the Official Newspaper, "La Gaceta", of April 25, 2013, SUTEL excluded information services (multimedia messaging, text messaging, and video calling) from the current rate schedule, granting operators legal authority to review and adjust the rates applicable to such services.

#### **Note 29.** Operating Costs and Expenses

Operating costs and expenses are detailed below:

	Operating costs			Operating expenses			
		For the period end	ed March 31,	For the period ended March 31,			
		2019	2018	2019	2018		
Depreciation	¢	65,494	69,529	1,749	1,671		
Purchase of energy fron independent power producers (2)		63,211	66,470	-	-		
Salaries		48,022	39,406	40,659	25,689		
Leases (1)		19,522	6,679	-	-		
Fuels for thermal generation		8,007	1,235	-	-		
Import of energy		6,439	285	-	-		
Amortization of intangible assets		2,078	2,966	982	2,816		
Others (3)		43,589	68,888	70,916	75,615		
	¢	256,361	255,458	114,306	105,792		

## Notes to the Consolidated Financial Statements

(in millions)

# a) The following refers to the telecom, transmission and power plant equipment lease agreements, which are registered and classified as operating leases:

	General characteristics of	the agreement									In milli	ons of US dollars		
Service order No.	Lessor	Date of agreement	Starting date	Approximate expiration date	No. of installments	Lease amount	Purchase option	Frequency	Purpose of the agreement	Amount of agreement	Total paid	Balance of service order as of March 31, 2019	Paid in 2019	Expense booked in 2019
No order No.	Garabito Thermal Power Plant Trust (1)	05-nov-07	01-jul-10	31-mar-22	142	5	213	Monthly	Lease of Garabito Thermal Power Plant	743	560	183	16	9.578
No order No.	Cariblanco Securitization Trust (1)	16-ago-00	29-feb-08	31-dic-19	147	2	8	Monthly	Lease of Cariblanco Hydroelectric Power Plant	304	286	19	6	3.775
333059	Las Pailas Geothermal Power Plant (2)	07-mar-07	28-mar-12	31-dic-23	24	8	-	Half-yearly	Lease of Las Pailas Geothermal Power Plant	240	125	116	4	2.957
No order No.	Toro III Power Plant Trust (1) and (4)	01-jun-13	30-jun-13	30-nov-24	142	\$1	-	Monthly	Lease of Toro 3 Power Plant	131	55	76	2	1.502
351643	Administrative Board of the Municipal Electric Service of Cartago (JASEC) (3)	14-abr-10	04-dic-13	14-abr-22	20	Between US\$1,637 and US\$854 (in thousands)	-	Half-yearly	Infrastructure for Tejar Step-Down Substation/Easements and expansion tower sites for Río Macho Transmission Line	25	13	12	1	310
Subtotal ope	rating leases - US dollars			US\$						1.796	1.391	405	33	18.122
	General characteristics of	the agreement									In mi	lions of colones		
350702	Cooperativa de Electrificación Rural Guanacaste (5)	16-feb-10	06-abr-10	06-sep-21	138		Approximately ¢3,541	Monthly	Infrastructure for Liberia, Papagayo - Nuevo Colón Transmission Line	¢ 87.848	51.582	36.266	1.400	1.400
										¢ 87.848	51.582	36.266	1.400	1.400

¢ 19.522

# Notes to the Consolidated Financial Statements (in millions)

The following is a description of the nature of the main deferred income recorded by Grupo ICE.

#### (1) <u>Securitization Trusts</u>

Grupo ICE entered into Securitization Trust Agreements with Banco Nacional de Costa Rica and Banco de Costa Rica, whereby the group acts as the trustor and beneficiary and the corresponding banks act as the trustees. The creation of the agreements is the independent generation and management of the necessary financial resources to build the Cariblanco and Toro III hydroelectric power plants, and the Garabito thermal power plant. These plants will be part of the equity of the trusts (trust assets), and once their construction is completed, they will be leased to ICE for terms ranging from 11 to 15 years.

At the end of the lease terms, ICE may exercise the purchase option established in each lease agreement.

The trusts may obtain the funds necessary to build the aforementioned power plants by acquiring commercial loans and by issuing, placing, and managing securities through securitization.

The trusts hire ICE to build the aforementioned plants, given its experience in the development of this type of projects.

The main clauses established in the trust agreements are summarized below:

- The purpose of the agreements is to establish trusts to generate and manage the resources necessary for the development of the projects, that serve as vehicles to create autonomous equity that will be used in a securitization process, and obtain the necessary resources to finance the project.
- Trust assets will comprise the following:
  - a) The liquid assets generated by the trusts from the issuance and placement of debt securities.
  - b) The trustor's movable property and tangible and intangibles assets (deemed essential to the agreement's purposes) transferred into the trust; civil works; equipment; facilities; repair shops; vehicles; equipment and materials; office and computer equipment (including software, documents, licenses, and other assets acquired with trust funds to develop the projects and to operate and provide maintenance to the plants); rights to use the land owned by the trustor as required to develop the projects; and all written information and studies conducted for and during the development of works managed by the trusts.

# Notes to the Consolidated Financial Statements (in millions)

- c) The agreed-upon revenue from the lease of power plants.
- d) Any other income obtained by the trusts in the normal course of business.
- Trust assets may only be used by the trustee as expressly stipulated in the trust agreements and according to the instructions of the trustor. The trustee's right of disposal of the trust assets and the trustor's right to issue instructions concerning such assets are limited to actions that are strictly necessary to comply with the purpose of the trust agreement.
- The trust's financial policy will be to allocate the resources obtained from the securitization process and from temporary investments to the construction of the projects, debt servicing, and covering the trust's operating costs. Upon compliance with such obligations, all of the trust assets will become the property of the trustor by operation of law.
- The trustor must appoint a Manager from the Execution Unit, who should be accepted by the trustee, and who shall act as the superior, with the inherent rights and duties. The trustor and the trustee agree that Grupo ICE will be hired by the Trust to assume the responsibility of the construction of the projects, through an engineering and construction agreement.
- Upon expiration of the trust agreements, all of the trust assets, without exception, delay, or condition, will be automatically transferred by operation of law to the trustor, who will become the legitimate owner.

Upon completion of the construction of the power plants, ICE subscribed the lease agreements in respect to those assets, which were classified and booked as operating leases. Some of the main clauses included in those lease agreements are as follows:

- The lease agreements seek to regulate the relationship of the lease on the Cariblanco and Toro III Hydroelectric Power Plants, and the Garabito Thermal Power Plant.
- For purposes of these lease agreements, the corresponding securitization trusts are the lessors and ICE is the lessee. In the specific case of the Securitization Trust of the Toro III Hydroelectric Power Plant, the lessees are ICE and *Junta Administrativa del Servicio Eléctrico Municipal de Cartago* [JASEC], in accordance to the partnership established between ICE and that institution (see item No. 4 of the "Toro III Hydroelectric Power Plant").
- The monthly lease amount is determined by applying a formula that considers, among other variables, the capitalized cost of the asset (i.e. the cost of the power plant). The lease amount is determined in US dollars.

## Notes to the Consolidated Financial Statements

(in millions)

- The lessee may unilaterally request early termination of the lease agreement. The lessee shall communicate this in writing three months in advance. In the event of early termination of the lease agreement, the lessee shall pay any outstanding obligation, as well as an amount (comparable to a penalty clause) equivalent to 12, 6, or 3 monthly lease payments, depending on the time elapsed from the inception of the lease agreement to its early termination.
- As lessee, ICE shall be in charge of operating the plant. Accordingly, ICE assumes responsibility for any damages to the plant's facilities resulting from its operation and maintenance.
- At the end of the lease term, the lessee may exercise the purchase option on the leased asset. The value of the purchase option is determined using a formula that considers, among other variables, the capitalized cost of the asset (i.e. the cost of the plant.).

### (2) <u>Las Pailas Geothermal Power Plant</u>

- In December 2006, ICE's board of directors approved the development of the Las Pailas Geothermal Project under a "non-traditional" execution-financing structure, whereby ICE acts as the builder and CABEI as the investor, developer, and owner.
- Subsequently, ICE, as the lessee, shall be responsible for the technical and commercial operation of the infrastructure for a 12-year term, at the end of which, ICE may exercise a purchase option for the plant.
- In March 2007, ICE and the CABEI subscribed a lease agreement with a purchase option on the Las Pailas Geothermal Power Plant. The main clauses of the lease agreement are summarized below:
- The lease will be for a term of 12 years with a purchase option on the Las Pailas Geothermal Power Plant, starting the date Grupo ICE satisfactorily receives the power plant.
- The total amount of the lease is US\$240 million, including lease installments and maintenance fees.
- At the end of the lease term, the value of the purchase option shall be equivalent to 15% of the total cumulative investment made at the end of the construction phase.
- The CABEI will make an investment of US\$130 million for the construction of the plant.

### Notes to the Consolidated Financial Statements

(in millions)

- The CABEI agrees that Grupo ICE shall carry out the construction of the entire plant and its interconnection to the National Interconnected System. The total cumulative investment at the end of the construction phase will have been made in US dollars and shall only consist of the following lines:
  - a) Actual cumulative amount of direct investments made by the CABEI for construction of the plant;
  - b) 0.75% of the CABEI's direct investment at the time the CABEI makes the first disbursement of the direct investment (this is a one-time only payment);
  - c) 0.75% of the estimated direct investment that has not yet been used for construction of the plant;
  - d) Return calculated using the 6-month LIBOR rate plus 2.25% on the partial cumulative investment made during the construction stage of the plant;
- Administrative expenses derived from creation and operation of the Project Management Unit to be set up by the CABEI in accordance with the agreement. Grupo ICE agrees to lease the plant and act as the lessee. The CABEI shall be the lessor.
- The term of the lease shall start 48 months after the beginning of the construction of the plant.
- Should Grupo ICE decide not to exercise the purchase option, the parties may agree to extend the lease agreement for up to six years, which shall require an extension to the agreement. Grupo ICE may exercise the purchase option prior to expiration of the agreement for an amount equivalent to the investment amount that the CABEI has yet to recover.

#### (3) <u>Tejar Step-down Substation- JASEC</u>

In April 2010, the ICE and the *Junta Administrativa del Servicio Eléctrico Municipal de Cartago* [JASEC, its Spanish acronym] made and entered into a lease agreement with a purchase option for the Tejar Step-down Substation and the easements and sites for towers for the expansion of the 230 KV Rio Macho del Este Transmission Line. Under such lease agreement, ICE acts as the lessee and JASEC as the lessor. The works are located in the San Isidro district, El Guarco canton, in the province of Cartago.

The term of the lease is 10 years from the date on which JASEC delivers the substation and related works to ICE in the conditions required to start commercial operations (June 4, 2012).

#### (4) Toro III Hydroelectric Power Plant:

The ICE and the *Junta Administrativa del Servicio Eléctrico Municipal de Cartago* [JASEC, its Spanish acronym] entered into a partnership agreement for the joint development of the Toro III Hydroelectric Power Project, whereby the *Banco de Costa Rica* acts as the trustee and ICE and JASEC as trustors.

The partnership agreement involved the execution of a 137-month lease agreement with a purchase option, whereby ICE and JASEC act as lessees and the Toro 3 Hydroelectric Power Project Securitization Trust as the lessor (see note 10.)

The business partnership between the ICE and the JASEC involves equal participation in respect of rights and obligations and benefits derived from the construction and commercial exploitation

# Notes to the Consolidated Financial Statements (in millions)

of the Toro 3 Hydroelectric Power Project over its useful life. Both entities shall participate in the development of the Project, with an ownership interest of fifty percent (50%) (see note 10).

#### (5) <u>Cooperativa de Electrificación Rural Guanacaste, R.L.:</u>

- On February 16, 2010, the ICE and the *Cooperativa de Electrificación Rural de Guanacaste*, *R.L. [also known as "Coopeguanacaste"]* entered into a lease agreement with an option to purchase the infrastructure of the Liberia-Papagayo-Nuevo Colón power transmission. Under such agreement, the ICE acts as lessee and Coopeguanacaste as lessor. The term of the agreement is 137 months (11 years and 5 months) and the monthly lease installment is broken down as follows:
- Monthly payments in colones that the lessor must make to its creditors BCR and Banco Popular and de Desarrollo Comunal as a result of the loans that each granted to Coopeguanacaste, as well as the monthly infrastructure maintenance costs that the lessor must pay.

### b) Energy purchased from private generators:

- Under the terms of the "Act that Authorizes Autonomous or Parallel Energy Generation", No. 7200, which declares, as a matter of public interest, the purchase of electricity by ICE to those private companies that comply with the conditions established in such Act, Grupo ICE has entered into agreements with various private generators for purchasing energy. This Law provides two systems or chapters: Chapter I, "Autonomous or Parallel Generation," which result in the so-called BOO (Build, Own, and Operate) agreements, and Chapter II, "Purchase of Power under the Competition System", which result in the so-called BOT (Build, Operate, and Transfer) agreements.
- As of March 31, 2019, Grupo ICE has entered into seven power purchase agreements under Chapter II, that is to say, they are BOT agreements (Build, Operate, and Transfer), with the following private generators: Unión Fenosa Generadora La Joya S.A.; Hidroenergía del General (HDG), S.R.L.; Planta Eólica Guanacaste, S.A.; Consorcio Eólico Chiripa S.A. Unión Fenosa Generadora Torito S.A., Eólicas de Orosi Dos, S.A., and PH Chucás, S.A. During the life of the agreements, those independent power producers must build, operate, and provide maintenance to the corresponding plants. The power generated by such plants shall be sold exclusively to ICE. At the end of the term of those agreements, the ownership, management, and operation of the plants shall be automatically transferred to ICE, free of any liens and encumbrances. The corresponding private generators or Grupo ICE may request the early transfer of the power plants.

Some of the most relevant terms and conditions contained in the aforementioned agreements are the following:

• The private generators shall be responsible for the financing, design, procurement of supplies, construction, testing, commissioning and maintenance of the plants. The private generators also agree to deliver all the energy produced to Grupo ICE during the term of the contract.

#### Notes to the Consolidated Financial Statements

(in millions)

- The private generators shall produce energy with the quality and standards of operation set forth in each contract and will fully deliver it to ICE, with the exception of that required to feed the auxiliary equipment and for servicing of the plants, pursuant to the agreements.
- The private generators take the risk for damage, loss or destruction of the equipment and facilities, during the term of the agreements, due to any reason or cause whatsoever that is directly attributable to the private generators, its contractors, subcontractors or suppliers, excluding force majeure.
- The purchase price for electricity generated is established in each agreement based on the bid price and the price awarded in the corresponding tender processes. The agreements include price adjustment formulas that contemplate inflation, and which apply on the operating and maintenance cost component.
- As of the start of the plant's commercial operation, the private generators must, at their own expense, obtain and maintain, at least, the following insurance policies, according to their availability in the market: worker's compensation and all risk physical damage.
- Grupo ICE may suspend the receipt of energy generated by the private generators and shall be exempt from paying for said energy during such period of suspension for the following reasons:
- Tampering of meters
- Non-compliance in relation to the condition in the agreed place of delivery, under the responsibility of the private generator
- Inability of the private generator to supply the energy in accordance with the required operation parameters.
- Failure to renew the performance bond.
- Failure to renew the insurance policies.

The current agreements are in effect for terms that range between 15 and 20 years and expire between July 2023 and October 2033.

For private generators who have entered into agreements under Chapter I of Act No. 7200 (B.O.O type agreements) the following three types of agreements are in effect:

- Type A: Applicable to hydroelectric power plants with a power output of less than 5 MW
- Type B: Applicable to hydroelectric power plants with a power output greater than 5 MW.
- Type C: applicable to wind farms.

The general terms of these agreements establish that, during the life of the agreement, ICE will purchase any surplus electric power that the private generator may supply once its own energy needs are met, up to the maximum power output agreed. The private generator commits to operate the plant so that the power output delivered to ICE at the point of measurement does not exceed the power output agreed.

ICE will not make any payments for the power delivered by the private generator with a power output that exceeds the agreed maximum. Electricity received under these agreements is paid at the rates in effect set by ARESEP upon its delivery.

# Notes to the Consolidated Financial Statements (in millions)

- Under Chapter I of Act N° 7200, Grupo ICE signed agreements as of the date the law was enacted, in 1990. As of 2009, once the agreements executed in the nineties started to expire (which maximum term was 15 years), Grupo ICE proceeded to renew them, for the remaining term of the concessions (which were granted for 20 years.) Currently, agreements are being renewed once the companies obtain new concessions, both for the use of hydraulic resources in case of hydroelectric projects, and for generation as a public service, which is granted by ARESEP. Moreover, new power plants are being included and their agreements were executed as a result of the tender processes executed in 2012 and 2014. Currently, agreements have been entered into with 30 companies: 10 wind farms, 2 sugar factories, and 18 hydroelectric plants.
- In addition, as of 2012, once ARESEP published the rates for new power plants, and the new regulations for Chapter I of Act No. N° 7200 was published, ICE started the selection process of projects with which new agreements shall be signed. In June 2012 Bid No. 01-2012 was published, through which five wind energy projects and six hydroelectric projects were selected. This process resulted in the signing of agreements with the wind energy projects of Tilawind, Campos Azules and Altamira in Tilarán, and Vientos de la Perla and Vientos de Miramar in Liberia, which became operational between the first quarter of 2015 and the first quarter of 2017. Of the hydroelectric projects, only El Ángel (Ampliación) executed an agreement and is currently operational.
- In February 2014, Bid No. 02-214 was published, and its result was confirmed on August 29 once General Management rejected the appeal filed by one of the participants. Through this second call for bids, two wind energy and four hydroelectric projects were selected, of which one waived his selection. In December 2015, the Vientos del Este Wind Farm began operating, and generates 9 MW. In July 2016, the Mogote Wind Farm began operating and generates 20 MW. The agreements for the hydroelectric projects were made and entered during the second semester of 2017.

# Notes to the Consolidated Financial Statements (in millions)

#### Rate adjustments for private power plants

- Ruling RIE 027-2015, dated March 13, 2015, was published in the Official Newspaper, "La Gaceta", on March 19, 2015, and authorized the rate setting for the new wind farms, in compliance with the "Model to determine reference rates for new private wind power plants".
- Ruling RIE 124-2015, dated December 11, 2015, was published in the Official Newspaper, "La Gaceta", on December 16, 2015, and authorized the rate setting for the company Hidroelectrica Platanar, S.A. and the rest of existing independent hydroelectric and wind power producers, in compliance with the "Rate setting methodology for private power generators (Act No. 7200)" that enter into new electricity purchase agreements with Grupo ICE.
- Ruling RIE 099-2016 dated November 17, 2016 was published in the Official Newspaper, "La Gaceta", on November 22, 2016, and authorized the rate setting for biomass plants (bagasse), in compliance with the "Rate setting methodology per the typical cost structure of a model plant that uses sugarcane bagasse to produce energy to sell to the *Instituto Costarricense de Electricidad* and its indexation formula".

#### c) Other operating costs and expenses

Mainly the construction of civil and electromechanical works expense.

# Notes to the Consolidated Financial Statements (in millions)

#### Note 30. Other revenue

		For the period ended March 31,				
		2019	2018			
Construction services (1)	¢	548	168			
Others (2)		4.371	5.457			
Total	¢	4.919	5.625			

- (1) Construction services include invoices for advances or completion of works under contract for engineering, design, construction or other specialized services provided by ICE to third parties, and related to projects under construction. The line "Electromechanical and civil works agreements" includes costs associated to these construction agreements.
- (2) During the period ending on March 31, 2019, the ICE recognized other revenue, of which the most significant included: indemnifications, administrative sanctions and engineering services.

Note 31. Financial revenue and costs

		For the ended N	March 31,
		2019	2018
Income from investments (1)	¢	5.165	7.004
Finance costs (3)		(44.203)	(50.277)
Foreign exchange variations, net (2)		35.484	8.351
Income from investments in other companies		14	-
	¢	(3.540)	(34.922)

A description of the main transactions performed are included below:

- (1) Interest includes revenue on securities of the external sector.
- (2) As a result of the transactions in foreign currency, the valuation of monetary assets and liabilities in foreign currency during the period ended on March 31, 2019, net revenue and expenses arising out of exchange differences, in the amount of \$\psi 44,203\$ were recognized (during 2018 the net effect (loss) amounted to (\$\psi 50,277)). To value such monetary assets and liabilities at the end of the period, an exchange rate of \$\psi 599.53\$ (\$\psi 566.67\$ in 2018) was used.
- (3) Fees and interest expense, especially internal debt securities and external debt securities, as well as financial leases.

# Notes to the Consolidated Financial Statements (in millions)

#### Note 32. Restatement of financial statements

As of March 31, 2019, no values were restated. During the period ended on December 31, 2018, the accumulated values as of December 31, 2017 and during the period then ended, were restated by adding an adjustment with retroactive effect to correct an error. This adjustment, which was retroactively applied to the financial figures of the previous years, is detailed below:

		Property, plant and equipment, net (Note 8)	Equity investments (Note 10)	Development reserves
Balance as of December 31, 2017, previously reported	¢	5,013,533	30,686	2,506,594
Total effect of adjustments due to correction of errors in periods prior to 2017:				
Adjustment for costs that are not capitalizable to construction work in progress (1)		(1,365)	-	(1,840)
Total effect of adjustments due to correction of errors in periods prior to 2017:		(1,365)	-	(1,840)
<u>Accumulated effect of changes in accounting policies and adjustments due to correction of errors in 2017:</u>				
Adjustment for costs that are not capitalizable to construction work in progress (1)		(10,741)	-	(10,266)
Adjustment due to restructuring of the figures of the joint venture Tecomunica S.A. Nicaragua as result of the 2017 audit process (3)		-	(37)	-
Total effect of adjustments due to correction of errors in 2017		(10,741)	(37)	(10,266)
Subtototal adjustments		(12,106)	(37)	(12,106)
Balance as of December 31, 2017, previously reported		5,001,427	30,649	2,494,488
Efecto acumulado por las reclasificaciones en el período 2017:				
Reclassification of inventories - investment		(251)		
Subtotal reclassification		(251)	-	-
Balance as of December 31, 2017, restated	¢	5,001,176	30,649	2,494,488

# Notes to the Consolidated Financial Statements *(in millions)*

	_	Production manegement	Net surplus (deficit)
Balance as of December 31, 2017, previously reported <u>Efecto acumulado ajustes por corrección en el período 2017:</u>	¢	76,648	(51,706)
Adjustment for costs that are not capitalizable to construction word in progress (1)  Adjustment for restructuring the figures for the business as a whole		10,741	(10,741)
Tecomunica, S.A. Nicaragua (3)		-	(23)
Total effect of adjustment due to correction of errors in 2017		10,741	(10,764)
Sub total settings mentioned		10,741	(10,764)
Balance as of December 31, 2017, restated	¢	87,389	(62,470)

As stated in note 33, with the change adopted by Grupo ICE related to the presentation and classification of the balances of its consolidated financial statement, which had a retroactive effect, the balances that had been previously reported in 2017, 2016 and other periods, were modified.

### (1) Adjustment of non-capitalizable costs to work in progress

The account property, plant and equipment, net, in its subaccount, work in progress, was adjusted so that certain investments are now included as expenses, as it was determined that these costs are not part of the productive assets of the telecom sector. It was impossible to link these to a specific project, even though they were necessary for the construction activities and infrastructure of projects.

### (2) Guarantees

As of December 31, 2018, the group's memorandum accounts were reviewed and it was determined that in the 2017 period, the guarantees that it holds with subsidiaries were classified as performance bonds. The consolidated financial statements were thus restated for reporting purposes.

#### (3) Tecomunica S.A. Nicaragua.

As of December 31, 2018, an adjustment was performed as a result of the restructuring of the figures of the joint venture with Tecomunica, S.A., Nicaragua, due to the audit process performed in the 2017 reporting period.

# Notes to the Consolidated Financial Statements *(in millions)*

#### Note 33. Reclassifications

During 2018, Grupo ICE modified the presentation of its consolidated financial statements to achieve a more appropriate and relevant disclosure of financial information, following best practices in presentation guidelines. Thus, Grupo ICE changed the presentation or classification of some accounts included in the 2018 consolidated financial statements to achieve comparability with the 2019 consolidated financial statements. The changes made to accounts included in the 2018 financial statements are as follows:

# Notes to the Consolidated Financial Statements (in millions)

			Adjustment due to changes in the	
		December 2018 (Restated)	presentation of financial statements	December 2018 (Reclassified)
Non-current assets:	•			
Property, plant and equipment, net	¢	5,023,345	-	5,023,345
Intangible assets		91,684	-	91,684
Equity investments		30,768	-	30,768
Notes and other accounts receivable, net		2,994	-	2,994
Investments in financial instruments		121,338	-	121,338
Guarantee and Savings Fund		222,212	-	222,212
Deferred tax assets		395		395
Total non-current assets	¢	5,492,736		5,492,736
Current assets:				
Inventories, net		112,366	-	112,366
Notes and other accounts receivable, net		95,312	-	95,312
Temporary investments		53,451	-	53,451
Restricted funds		1,017	-	1,017
Trade receivables		123,398	-	123,398
Prepaid expenses		50,771	-	50,771
Other assets		79		79
Cash and cash equivalents		138,655	-	138,655
Total current assets	¢	575,049		575,049
Total assets	¢	6,067,785		6,067,785

# Notes to the Consolidated Financial Statements (in millions)

(*** *			
-	December 2018 (Restated)	Adjustment due to changes in the presentation of financial statements	December 2018 (Reclassified)
Equity:			
Paid-in capital ¢	155	-	155
Other reserves	14,750		14,750
Restricted earnings from capitalization of investr	62,380		62,380
Actuarial gain (loss)	22,620		22,620
Profit or loss on investments in other companies	66	-	66
Valuation of non-derivative financial instruments	(41,786)	-	(41,786)
Retained earnings	318,559		318,559
Development reserve	2,253,159		2,253,159
Equity attributable to owners of ICE	2,629,903		2,629,903
Not-controlling interest	5,739		5,739
Equity	2,635,642		2,635,642
Liabilities:	77-		
Non-current liabilities			
Securities payable	1,211,765	_	1,211,765
Loans payable	887,060	_	887,060
Finance lease obligations	488,057	_	488,057
Employee benefits	42,657	_	42,657
Accounts payable	7,605	_	7,605
Prepaid income	6,495	_	6,495
Guarantee and Savings Fund	222,212	_	222,212
Deferred tax liabilities	106,289		106,289
Other provisions	347	_	347
Other liabilities	53,967	-	53,967
Total non-current liabilities ¢	3,026,454		3,026,454
Current liabilities			
Securities payable	19,482	_	19,482
Loans payable	93,133	_	93,133
Finance lease obligations	20,189	_	20,189
Employee benefits	7,291	_	7,291
Accounts payable	163,606	_	163,606
Prepaid income	28,164	_	28,164
Accrued employer obligations payable	46,498	_	46,498
Accrued interest payable	17,811	_	17,811
Other provisions	2,860	_	2,860
Other liabilities	6,655	-	6,655
Total current liabilities	405,689		405,689
Total liabilities	3,432,143		3,432,143
Total liabilities and equity ¢	6,067,785		6,067,785
Memoranda accounts	186,256		186,256

# Notes to the Consolidated Financial Statements (in millions)

	December 2018 (Restated)	Adjustment due to changes in the presentation of financial statements	December 2018 (Reclassified)
Operating income:	·		
Electricity services	208,458	=	208,458
Telecom services	140,629	=	140,629
Total operating income ¢	349,087		349,087
Operating costs:			
Operation and maintenance	118,217	=	118,217
Operation and maitenance of leased equipment	38,607	=	38,607
Depreciation of operating assets	78,308	-	78,308
Supplemental services and purchases	18,999	-	18,999
Production management	1,327	-	1,327
Total operating costs	255,458	=	255,458
Gross surplus	93,629		93,629
Other income	5,625	-	5,625
Operating expenses:			
Administrative	34,081	-	34,081
Selling expenses	55,179	-	55,179
Preliminary studies	7,752	-	7,752
Supplemental	57	229	286
Other expenses	8,494		8,494
Total operating expenses	105,563	229	105,792
Operation surplus	(6,309)	(229)	(6,538)
Finance income:			
Investment income	7,004	-	7,004
Finance costs	(50,277)	-	(50,277)
Exchange rate fluctuations	8,351		8,351
Total finance income and finance costs, net Net surplus (deficit)of the year before tax follow	(34,922)		(34,922)
the income	(41,231)	(229)	(41,460)
Income tax Deferred tax			(182)
Non-controlling interests Net surplus (deficit)	(41.221)	(220)	(41.642)
rior surpius (deficit)	(41,231)	(229)	(41,642)

# Notes to the Consolidated Financial Statements (in millions)

#### **Note 34.** Tax regulations

Grupo ICE has tax obligations that are governed by the following laws: ICE is subject to tax obligations governed by the Income Tax Act (No. 7092) as amended, the Regulations to the Income Tax Act, as amended, the General Sales Tax Act (No. 6826), as amended, the Regulations to the General Sales Tax Act, as amended, the General Customs Act, as amended, the Strengthening and Modernization of Public Telecommunication Companies Act (No. 8660), and the General Telecommunications Act (No. 8642).

## (a) <u>Strengthening of Public Finances</u>

On December 4, 2018, in Scope No. 202 of the Official Newspaper, "La Gaceta", Act No. 9635 "Strengthening of Public Finances", was published. This Act introduces significant changes to the treatment that is given to taxes defined in the Income Tax Act and the General Sales Tax Act, both valid as of that date; and replaces the General Sales Tax with the Value Added Tax. Most of the proposed amendments will come into force 6 months after they are published; hence, it won't be until then that the main impacts of the Value Added Tax shall be seen. Among the main aspects to consider under this new law, are the following:

- In the case of the Value Added Tax, this new Act will levy a tax upon the sale and import of tangible and intangible goods and the rendering of services throughout the country, notwithstanding their origin and means. It includes certain exceptions and reduced rates for specific circumstances. The general rate is of 13%, although certain goods and services shall be taxed with a special rate that ranges from 1% to 4%, at the beginning, and after a set term, some of these rates will increase. In the case of electrical energy use, if a client exceeds 280 KW per month, his energy use shall be taxed with a 13%, otherwise, it will be exempted. Regarding tax credits, this Act establishes a method to compute and use a proportional credit, for those cases relating to related purchases, and also in operations that are entitled to apply such credit and to operations that have that right, given the difficulty to identify such specific credit.
- Act 9635 establishes a Capital Gains Tax, which taxable event is any income from a
  Costa Rican source that arises from capital and realized capital gains/losses, provided
  that they come from goods or rights that belong to the taxpayer, as well as exchange
  differences that come from assets or liabilities resulting from operations; provided that
  such taxable income is not subject to the income tax. This tax has a general rate of
  15%.

# Notes to the Consolidated Financial Statements

(in millions)

- Regarding the Salary Tax, Act 9635 establishes new intervals and rates, and now salaries paid to employees are subject to new rates that range from 0% to 25%. The two new intervals that were created have 20% and 25% tax rates.
- In the case of the Foreign Remittances Withholding Tax, Act 9635 increases the rate applicable to professional fees, commissions, attendance fees paid to board members, and other independent personal services, to 25%.

#### (b) Current income tax

- Act No. 7722, known as the "Levying of Income Tax upon Government Institutions" establishes that: "excess of income over expenses shall constitute taxable income and shall be calculated as gross revenue less costs, productive expenditures, and investment reserves or development funds that are necessary and relevant to produce such income."
- The *Instituto Costarricense de Electricidad* is a taxpayer subject to the income tax, as it renders profitable services and earns a profit for them. On the other hand, Legal Order Number 449, related to the creation of the *Instituto Costarricense de Electricidad*, establishes the following in its article 17: ICE's financial policy will be to reinvest the net profit it receives from the sale of electricity and from any other sources, to finance and execute national electrification plans, and drive the electric power industry."
- According to the Strengthening and Modernization of Public Telecommunication Companies Act, (No. 8660), ICE and its subsidiaries shall be subject to payment of income and sales tax, excluding income tax on the delivery of traditional basic telephone services, when they act as operators or providers of telecom and electricity services and products in competitive local markets. The other exemptions granted through Executive Order No. 449 of April 8, 1949 and any other exemptions

granted by the legal system will remain in effect.

Given that Grupo ICE must reinvest the total net profit it obtains, no surplus is produced, which means that it does not have any taxable income, and, therefore, has no income tax liability. However, the Costa Rican Tax Authorities normally imposes income tax withholdings that are subsequently applied as a credit to the sales tax liability.

# Notes to the Consolidated Financial Statements (in millions)

The income tax expense (revenue) is detailed below:

- According to the Income Tax Act, subsidiaries must file annual income tax returns for 12-month period ending each year on December 31.
- The subsidiaries are subject to the payment of income tax for the taxable income they produce as a result of their for-profit activities, at a rate of 30% per annum. The current income tax expense is determined in accordance to valid fiscal laws in Costa Rica.
- The Tax Authorities can review the income tax returns presented by the subsidiaries for the years ended on December 31, 2018, 2017, 2016 and 2015. The subsidiaries presented a sworn income tax return for the period ended on December 31, 2018.

## (i) <u>Deferred income tax</u>

- Deferred income tax originates from the revaluation of productive assets, which -for fiscal purposes- is not deductible in the subsidiary CNFL.
- On December 2018, Act No. 9635 "Strengthening of Public Finances", was approved. This Act establishes, among others, changes to the General Sales Tax Act, by transforming it into Value Added Tax; as well as to the Income Tax Act, including the chapter that levies a tax upon capital gains and losses.

# Notes to the Consolidated Financial Statements (in millions)

### *Unrecognized deferred tax assets*

As of December 31, 2018 and 2017, the subsidiary, CNFL, did not recognize in its statement of financial position, a deferred income tax asset, as -considering the financial results for the period and the forecasts for the upcoming year-, CNFL does not believe that it will generate enough taxable income so as to recognize it as of such date. This amount is linked to other items:

#### (c) General Sales Tax

- ICE is a taxpayer of the general sales tax, pursuant to the General Sales Tax Act, N°6826. This is a value added tax on the sale of goods and rendering of services. The fees applied are the following: for the sale of energy for residential consumption, 5% over the excess of 280 kw of monthly consumption; 13% for commercial consumption and rendering of telecommunications services.
- Because it is a value-added tax, Grupo ICE pays sales tax on the goods and services it requires to execute its economic activity. Pursuant to article 14 of the General Sales Tax Act, sales tax paid for the purchase of goods and supplies used to produce energy and telecom services can be applied as a credit to the sales tax liability for the period.
- (d) Special parafiscal contribution for telecommunications carriers and suppliers to the National Telecommunications Fund [FONATEL, its Spanish acronym] (General Telecommunications Act, No. 8642)
- Article 39 of the General Telecommunications Act, Nº 8642 sets forth a parafiscal tax to finance the National Telecommunications Fund [FONATEL] to ensure compliance with the principles of universal access, universal service, and cooperation. The parafiscal tax will be levied upon the gross income directly earned by the operators of public
  - telecommunications networks and telecommunications service providers available to the public who generated the taxable event by performing the aforementioned activities and receiving the specific benefit from State activities.
- This tax is determined in a sworn tax return that cover one fiscal period. The tax return must be filed by March 15 of each year and the tax is paid in four equal installments on the 15th day of March, June, September, and December of each year following the corresponding tax year-end.
- The tax rate is set annually by SUTEL no later than November 30 of the corresponding tax year. The percentages established for this tax range between 1.5% and 3%, and the definition of the final rate shall be based on SUTEL's estimates of the income and costs of the projects to be executed in the following budget year. In the event that the tax rate is not defined by SUTEL in a timely manner, the applicable rate for the immediately preceding tax period shall be used.

# Notes to the Consolidated Financial Statements (in millions)

#### (e) Parafiscal Contribution to Telephony Services

Act N° 9355 published on May 27, 2016 "Amendments to Several Acts to Finance the Costa Rican Red Cross" created a parafiscal contribution in favor of the Costa Rican Red Cross.

This contribution consists of a 1% rate of the amounts paid by the end user of a conventional, mobile, prepaid, or postpaid telephone line or any other type of telephony service. The amounts collected must be paid no later than the fifteenth calendar day of each month. Such Act repeals Act 8690, which defines the Red Tax allocated to the financing of the Costa Rican Red Cross, which was paid before.

## (f) Tax in favor of the Firefighter Department of Costa Rica

Act No. 8228, "Meritorious Firefighter Department of Costa Rica Act", dated March 19, 2002, was amended through Act No. 8992, "e Financial Strengthening of the Meritorious Firefighter Department of Costa Rica Act", published in the Official Newspaper, "La Gaceta", on September 22, 2011. This Act amends articles 28 and 33, as well as article 40 of Act No. 8228, "Financing of the Firefighter Department", and creates, as an additional source of revenue for the operations and sustained growth of the Costa Rican Firefighter Department, a tax equivalent to 1.75% (one point seventy-five per cent) of the monthly electric energy bill paid by each client.

#### (g) <u>Customs Duties</u>

As set forth in the customs legislation, custom duties are comprised of custom duties and internal taxes, and they must be paid in full to legally import goods. The customs tax referred to as DAI is the Import Tariff Fee, which is defined as follows: t is an ad valorem tax determined according to the classification within the established duty codes. The following are included among the internal taxes: Excise Tax (rate according to goods), Tax of Act No. 6946 (1%), General Sales Tax (13%), other specific taxes from the Institute of Agrarian Development [IDA, its Spanish acronym], Municipal Advisory and Promotion Institute [IFAM, its Spanish acronym], Golfito Duty Free Zone, among others. Thus, based on the type of merchandise or goods eligible for exemption, ICE has to pay the customs duties for goods imported before they can be cleared by customs.

#### (h) Other obligations

ICE is also an income tax withholding agent in accordance with the Income Tax Act. As such, the taxpayer is subject to the withholding and ICE has joint and several liability regarding that obligation. Among its responsibilities as a withholding agent, ICE must withhold and pay the corresponding tax to the Tax Authorities on behalf of recipients of the following types of income:

# Notes to the Consolidated Financial Statements (in millions)

- salaries, labor payments, compensation for personal services and attendance fees paid to board members.
- Remittances or credits in favor of nonresidents for services such as transportation, communications, technical and financial advisory, personal services and other services, according to type and rates defined in articles No. 55 and 59 of the Income Tax Act.

### Note 35. Management of institutional financial risk

Grupo ICE is exposed to the following risks related to the use of financial instruments: credit risk (noncompliance by customers or counterparties resulting in a possibly resulting a financial loss), liquidity risk (inability to meet obligations due to lack of liquidity), and market risk (exposure to changes in exchange rates, interest rates and commodities). These risks impact the management of Grupo ICE, but are addressed independently. For example, in the case of ICE, credit risk is managed by the Investment Committee by means of a thorough analysis of the issuers and CAMEL ratings, while liquidity risk is managed through the control of treasury cash flows of the telecom and electricity sectors. Market risk, on the other hand, is managed through hedges or other derivative instruments. In turn, this gives the group control over such risk exposure, thanks to such Investment Committee.

#### Notes to the Consolidated Financial Statements

(in millions)

ICE's Investment Committee has the responsibility to control and follow up on the management of the temporary investments of Grupo ICE's electricity and telecom sectors. This is the body to which the Financial Division delegates responsibility for

defining investment policies and procedures. Therefore, this committee establishes the guidelines (restrictions) in respect of investment decisions, which include limits by instrument, currency, and sector, as well as risk levels related to portfolio composition.

The Investment Committee approves the document known as "Investment Strategy", which is reviewed annually, as well as the document known as the "Management Limit to Operate ICE's Investment Portfolios", which reviewed using criteria is of such Committee. In addition, there is a Financial Investment Policy Manual and a procedure for making international investments, which seeks greater and better diversification of temporary investments. Additionally, the risk level is monitored through Value at Risk (VaR) , duration, modified duration, and concentration indicators, as well as credit risk, liquidity, and other indicators. Stress testing and back testing are used to measure the effectiveness of the model used.

Pursuant to the Autonomous Organization Rules, the coordination of the Institutional Risks Committee has been transferred to the Executive Office, given that the General Management disappears.

Additionally, the Corporate Finance Division has made efforts to determine action plans and goals to meet the 2013-2021 financial plan and strategy. Accordingly, this Division submits management reports to senior management.

#### a) Accounting classifications and fair value

#### b) Accounting classifications and fair value

Some of Grupo ICE's financial assets are measured at fair value at the closing of the current reporting period. The following table provides information on how the fair value of these assets is determined:

Financial assets		As of As of March 31, December 31,		Fair value hierarchy	Valuation technique(s) and key indicators		
	_	2019	2018				
Temporary investments (see note 15)	¢	72,948	53,451	Level 1	The valuation is made using the return on investments shown in the price vector of Proveedor Integral de Precios Centroamérica (PIPCA) as of March 31, 2019.		

Risk management policies and support systems used are periodically reviewed to reflect changes in market conditions and the activities of Grupo ICE. The Audit Committee supervises how the management monitors compliance with these policies and procedures to manage the risks of Grupo ICE, and reviews the appropriateness of the risk framework in relation to the risks that Grupo ICE faces. The Audit Committee receives the assistance of the Internal Audit department.

# Notes to the Consolidated Financial Statements

(in millions)

Except for what is detailed in the following table, the management considers that the book values of financial assets and liabilities recognized in the financial statements are close to their fair value:

	_	As of March 31, 2019		As of Dece		
		Fair value	Carrying amount	Fair value	Carrying amount	
Financial assets					_	
Loans and accounts receivable: - loans to related parties - notes receivable	¢	37,874 5,554	38,980 5,643	38,152 5,280	38,980 5,214	
Financial liabilities Financial liabilities measured at amortized cost:						
- loans	¢	2,156,237	2,197,026	2,167,517	2,211,441	
Finance leases payable		494,094	503,777	495,078	508,246	

Fair values of financial assets and liabilities included in levels 1 and 2 above were determined using generally accepted valuation models based on a discounted cash flow analysis, where the most significant indicators, such as the discount rate, indicate the credit risk of the counterparts.

#### Financial risk management

The Grupo ICE is exposed to the following risks related to the use of financial instruments:

- Credit risk
- Liquidity risk
- Market risk

#### i) Risk management framework

The Corporate Policy for Financial Risk and Financial Hedging Management has the following objective:

"To provide ICE with a financial risk management framework in accordance with the strategic objective of cost and expense optimization included in the business strategy, through an effective management of financial risks using market opportunities, based on available financial instruments in accordance with the Risk Management and

Financial Risk Hedging Strategy."

On January 2018, this corporate policy for financial risk and financial hedging management, which was in force since 2011, was updated.

# Notes to the Consolidated Financial Statements

(in millions)

Risk management policies and systems are revised annually to ensure that they reflect changes in market conditions and in Grupo ICE's activities. This review is performed by the Finance Division through the Financial Risk Process.

The use of financial derivatives is governed by Grupo ICE's policies and meets international accounting best practices, which provide written principles on foreign currency, interest rate, and credit risks, the use of derivative and non-derivative financial instruments and excess liquidity investments.

Each year, the Finance Division develops a financial risk map for Grupo ICE together with other Corporate Directorates and follows-up on action plans and control.

## ii) Credit risk

This is related to the potential losses due to noncompliance with the contractual terms of a client or counterpart in the operations performed by ICE, related mainly to cash,

equivalents, accounts receivable, and investments.

As a way to mitigate this risk, control and follow up to risk ratings of investments granted by the risk rating agencies is implemented. There are investment limits in the institutional portfolio by market (local and international), by sector (public, rest of the public sector, private sector), by instrument, by issuer, and by issue. For this risk, no collateral has been received as guarantee.

In the case of CNFL, credit risk is the risk of default on principal and/or interest payments as a result of internal and external factors that negatively affect the realization of cash flows, operating income (expenses), and surplus (deficit) outlooks. A shortage of liquidity is not expected to have a negative effect on CNFL's exposure to credit risk.

In the case of RACSA, credit risk is the lack of control policies and measures to manage the level of credit granted to customers, which may jeopardize income and generate

high financial losses as a result of bad debt. To mitigate this risk, RACSA applies customer quality controls through credit protectors and filters the portfolio of defaulting customers, developing customer profiles.

The carrying amounts of financial assets represent the maximum credit exposure, as follows:

Maximum risk exposure is the following:

•		-	Up to March	Up to December
			31,	31,
Value in books of financial assets	Nota		2019	2018
Cash and cash equivalents	19	¢	371,573	138,655
Inventories	14		102,900	112,366
Equity unvestments	10		30,750	30,768
Temporary investments	15		72,947	53,451
Restricted Use Funds	16		1,581	1,017
Guarantee and Savings Fund	13		223,233	222,212
Cash and other accounts receivable, net:	11-17		241,969	221,704
		¢	1,044,953	780,173

# Notes to the Consolidated Financial Statements (in millions)

#### *(i)* Accounts receivable

Accounts receivable are controlled directly in the Electricity and Telecom segments. The procedure followed by each segment for recovering receivables is summarized below:

- Collection management throughout the different stages, using diverse methods: text messages, calls, emails.
- Small- and large-scale collections management centralized in the Directorate of Billing and Revenue Management using three approaches according to the stage of the collections procedure and using differentiated strategies in each stage.
- Immediate suspension of electricity and telephone services after the bill's due date. The average collection periods for the Telecom and Electricity segments are 29 days and 31 days, respectively. Collection periods are determined by each segment (Collections Management Policy).
- Online collection process through contracts with external collection agents and banks, or internal collection through ICE's cashier windows.
- In the event that the outstanding balance is not collected, an administrative collection process begins 35 days after the services have been suspended. Administrative collection involves locating the customer and informing him/her about the delinquency, as well as notifying the credit protector thereof, so that the situation is included in the customer's credit history. For such purposes, ICE has companies dedicated to collections or coordinating payment arrangements with customers to mitigate defaults.
- Residual defaults (less than 1%) are studied to determine if they must be added to the judicial collections' portfolio, which is executed by subsidiary Gestión de Cobro, S.A.
- Note 7 "Summary of significant accounting policies" explains in detail the accounting policy to record the allowance and the administrative and legal collection processes.
  - (ii) <u>Investments</u>
- From the credit risk or counterparty point of view, investment ratings are monitored and followed-up, pursuant to the Investment Strategy and the risk profile determined by the Investments Committee.
- Financial risks to which the financial operations are exposed to, in relation to financial instruments, such as short-term, mid-term and long-term financing, all in relation to treasury management: lines of credit, bank letters, currency exchange, investments, securities issuance, commodities purchasing, among others.
- Directive Council session No. 6148 of September 07, 2015 approved a guideline to grant authorization to the Finances Division, so that -in compliance with the Financial Hedging Strategy and Risks Policy- it engage financial hedges to mitigate the currency exchange and/or interest rate risk

# Notes to the Consolidated Financial Statements *(in millions)*

in financial operations, and rendered null the agreement made by Directive Council session No. 6063 of October 23, 2013, which established a limit of US\$970 and just for colones/US Dollar hedges.

As of March 31, maximum exposure to credit risk, for notes and other accounts receivable and trade receivables, by geographic region, are the following:

		As of March 31,	As of December 31,
Geographic region		2019	2018
Local	<u>¢</u>	254,502	234,564
Foreing		27,058	28,306
	_	281,560	262,870
Allowance for doubtful accounts	_	(39,591)	(41,166)
	¢	241,969	221,704

As of March 31, maximum exposure to credit risk, for notes and other accounts receivable, and trade receivables, by type of counterpart, are the following:

		As of March 31,	As of December 31,
	_	2019	2018
Loans to autonomous entities	¢	195,604	184,370
Government		53,957	50,514
Other		31,998	27,986
	_	281,560	262,870
Allowance for doubtful accounts		(39,591)	(41,166)
	¢	241,969	221,704

# Notes to the Consolidated Financial Statements (in millions)

Delinquency rates of the trade receivables and other unimpaired accounts receivable are detailed below:

			As of March 31,		As of December 31,				
			2019		2018				
		Balance	Allowance for doubtful accounts	Total	Balance	Allowance for doubtful accounts	Total		
Current	¢	86,345	-	86,345	58,829	-	58,829		
1-30 days		23,535	-	23,535	1,182	-	1,182		
31-60 days		9,519	-	9,519	13,932	-	13,932		
61-90 days		14,910	-	14,910	154	-	154		
91-120 days		4,557	-	4,557	47	-	47		
121-150 days		2,900	-	2,900	7,242	-	7,242		
151-180 days		9,987	-	9,987	6,695	-	6,695		
181-270 days		2,567	-	2,567	10,889	-	10,889		
271-360 days		6,013	-	6,013	39,995	-	39,995		
More than 361 days		121,229	(39,592)	81,637	123,905	(41,166)	82,739		
	¢	281,561	(39,592)	241,969	262,870	(41,166)	221,704		

The following is an analysis of the credit quality of commercial debtors and other accounts receivable that are still valid and unimpaired:

	_	As of March 31,	As of December 31,
		2019	2018
Current	¢	241,969	221,705
In legal and administrative collection	_	39,592	41,165
		281,561	262,870
Allowance for doubtful accounts	_	(39,592)	(41,166)
	¢	241,969	221,704

The transactions to estimate bad debts are detailed below:

	As of March 31,		As of December 31,
		2019	2018
Opening balance	¢	41,166	59,706
Expense for the period		1,241	(29,408)
Used during the period		(2,815)	10,868
Closing balance	¢	39,592	41,166

# iii) Liquidity Risk:

Liquidity risks refers to the potential losses due to anticipated or forced sale of assets with unusual discounts and that do not allow fulfilling obligations, or otherwise due to a position not being timely disposed of, acquired or covered through the establishment of an equivalent contrary position, in a timely manner.

# Notes to the Consolidated Financial Statements (in millions)

- Regarding liquidity risk, actions have been generated for the energy and telecommunications businesses to provide a higher level of security in the projection of payments of the liabilities contracted, as well as a more rigorous stance on revenue projection, resulting in the ability to control treasury cash flows. These measures in the projection of liabilities and expenses, as well as for the revenue of both sectors, allow follow up and control of cash flow or liquidity risk, and also a better management of treasury operations, regarding the purchase and sale of foreign currencies and access to short- and medium-term lines of credit among others
- The Finance Division performs short, mid and long-term cash flow projections that are used to estimate purchases of foreign currency, short-term financing, as well as anticipate liquidity needs.
- Treasury management involves preparing the projected cash flows with the Company's budget information. It also prepares, on a weekly basis, a schedule with the daily cash inflows and outflows, which allows visualizing the behavior of cash flows and determining the daily liquidity needs. As part of this process, in order to obtain the most accurate payment information, especially for those cases where based on their amount have a large impact in the cash flows, and in compliance with the treasury policies, the businesses and different areas of the company must send the payment schedule of the coming 12 months. In addition, an important input is the information obtained from the institutional payment system, which not only provides the exact amount to be paid, but also the maximum payment date, as established in the agreements.
- Similarly, inputs and coordination with businesses regarding the behavior of revenue and the areas responsible for managing financing that allow a better matching are important to optimize Treasury Management in order to attain a better and timely attention of payment obligations.
- Liquidity is guaranteed by optimizing the payment cycle, first using no-cost sources and short-term lines of credit (if necessary). Likewise, the Treasury policies establish the terms of payment for providers, which must be executed on or before 30 days, once a week, except for those undertakings where an unavoidable payment date has been set, as of the event that originates the payment and of the presentation of invoice. Also, the policies establish wire transfers as payment method, and payment orders are processed through the group's ERP system.
- Lines of credit are part of the instruments that Management uses to finance working capital needs, issuance of performance or bid bonds, opening and refinancing of letters of credit, which use -throughout the years- have allowed them to become one of the most popular short-term financing options.
- Lines of credit are approved as follows: amounts greater than US\$20 million are approved by the Board of Directors and amounts equal to or of less than US\$20 million are approved by the Corporate Procurement Board. Shortfalls are determined based on the schedule of cash inflows and outflows along with the required terms so as to obtain quotes and borrow funds from banks with the lowest cost. Line of credit transactions are documented with a promissory note or bill of exchange, as applicable. The purpose of using lines of credit is covering mismatches between the date of receipt of revenue and the date of payment of obligations and other liabilities, typical of cash flow management

# Notes to the Consolidated Financial Statements (in millions)

## Exposure to liquidity risk

The following are the contractual maturities of the financial liabilities, including estimated payments of interest and excluding the impact of the offsetting agreements:

T + 1 99/			<b>Expected Cash</b>	12 months or			More than 5
Liabilities		Value on Books	Flow	less	1-2 years	2-5 years	years
Securities payable	¢	1,195,105	1,176,401		439,695	410,942	310,765
Documents payable		871,217	877,934	-	148,034	425,050	284,809
Financial Lease Obligations		483,676	454,429	-	43,096	149,553	261,781
Accounts payable		8,470	8,470				8,470
<b>Total Long Term Liabilities</b>		2,558,468	2,517,234		630,825	985,544	857,354
Documents payable		130,704	130,704	130,704	-	-	-
Financial Lease Obligations		20,101	20,101	20,101	-	-	-
Accounts payable		383,546	383,546	383,546	-	-	-
Financial expenses payable		30,989	30,989	30,989			
<b>Total Short Term Liabilities</b>		565,340	565,340	565,340			
	¢	3,123,808	2,668,039	150,805	630,825	985,544	857,354

Incoming / (outgoing) cash flows disclosed in the foregoing table represent the undiscounted contractual cash flows related to the derivative financial liabilities held to manage risk and that usually are not settled before their contractual maturity. This disclosure shows the net cash flows for the derivatives that are settled in net cash, and the incoming and outgoing gross cash flows for the derivatives that are simultaneously settled in gross cash.

Just as stated in note 20, the Group has secured banking loans that have debt restrictions. Failure to comply with such restrictions could entail that the Group pay the loan before its maturity, as stated in the foregoing table. Therefore, the conditions of loans are periodically monitored by the Treasury Department and are periodically reported to the management to make sure that they are complied with.

# Notes to the Consolidated Financial Statements (in millions)

The following are the contractual maturities of the financial liabilities of the Group as of 2018, including interest:

T + 1 00.0			<b>Expected Cash</b>	12 months or			More than 5
Liabilities		Value on Books	Flow	less	1-2 years	2-5 years	years
Securities payable	¢	1,211,765	1,885,903	-	671,367	435,074	779,462
Documents payable		887,060	1,116,894	-	264,113	332,262	520,519
Financial Lease Obligations		488,057	746,704	-	135,675	196,710	414,319
Accounts payable		7,605	7,605	298	298	895	6,114
<b>Total Long Term Liabilities</b>		2,594,487	3,757,106	298	1,071,453	964,941	1,720,414
Securities payable		19,482	19,482	19,482	-	-	-
Documents payable		93,133	93,133	93,133	-	-	-
Financial Lease Obligations		20,189	20,189	20,189	-	-	-
Accounts payable		163,566	163,566	163,566	-	-	-
Financial expenses payable		17,811	17,811	17,811			
<b>Total Short Term Liabilities</b>		314,181	314,181	314,181	-	-	
	¢	2,908,668	4,051,805	294,997	1,071,453	964,941	1,720,414

# Notes to the Consolidated Financial Statements

(in millions)

- The incoming (outgoing) cash flows disclosed in the foregoing table represent the undiscounted contractual cash flows related to derivative financial liabilities held for risk management purposes and that usually are not settled before their contractual maturity. The disclosed information shows net cash flows for the derivatives that are settled in net cash and the incoming and outgoing gross cash flows for the derivatives that are simultaneously settled in gross cash.
- Just as stated in note 20, the Group has secured banking loans that include debt restrictions. Failure to comply with such restrictions could entail that the Group pay the loan before its maturity, as stated in the foregoing table. Therefore, the conditions of loans are periodically monitored by the Treasury Department and are periodically reported to the management to make sure that they are complied with.

#### iv) Market risk

- The market risk is the risk resulting from changes in market prices, such as exchange rates and interest rates, that affect Grupo ICE's revenue or the value of the financial instruments it holds. The goal of risk management is to manage and control exposure to this type of risk within reasonable parameters, while optimizing profitability.
- ICE acquires derivative financial instruments to manage part of its existing market risks, which are valued according to the price established by their issuer. Hedge accounting is used for those qualifying instruments in order to mitigate volatility in the market prices of the financial instruments that have an effect on the group's profit or loss.
- Derivative financial instruments are traded with first-tier banks with which non-disclosure agreements are in place, and all the documentation to trade derivatives has been formalized. ICE has made the decision, according to its risk strategy, to trade derivatives specifically for existing liabilities.
- The financial operations assumed cover the following risks: variations in interest rates (domestic and foreign) and foreign currency exchange rates, which affect the cash flow results, the value of instruments, and others. To summarize, the group currently holds eleven derivatives: one to cover interest rate risks (interest-rate swaps), two to cover Japanese Yen to US Dollar exchange rate variations, known as Cross Currency Swaps, and eight to cover colón-US dollar exposure, known as currency swaps.

#### Exchange rate risk

- Grupo ICE is exposed to exchange rate risk to the extent that its revenue is in a functional currency while its purchases and loans are in other currencies. The largest exposure of ICE is in US dollars (United States dollars).
- The goal is to hedge at least 10% of the total exposure in US dollars, using hedging instruments or financial derivatives to mitigate the financial risks related to the
  - exchange rate. These instruments must be designated as hedging instruments; instruments for speculation are not accepted. Consequently, these instruments are recorded as "hedge accounting".

# Notes to the Consolidated Financial Statements (in millions)

Some of the instruments that may be used are the following

- a) Forward
- b) Plain vanilla
- c) Interest rate swap
- d) Exchange rate swap
- e) Non delivery forward
- f) Cross currency swap

Other instruments with similar structures can be derived from the families of derivative financial instruments mentioned above. Management shall decide whether to use such instruments to comply with the corporate policy for financial risk and financial hedging management and with its risk management strategy. The use of futures and options is not contemplated. The risk management strategy shall mitigate exposure to variability in cash flows due to fluctuations in foreign exchange rates arising from debt positions in currencies other than the functional currency, and shall attempt to offset such potential risks according to market conditions.

#### Exposure to currency risk

As of March 31, 2019, Grupo ICE's exposure to currency risk is as follows:

Active         2019         2018         2019         2018         2019           Property, plant and equipment, net         42         38         3         3         1           Investments in financial instruments, net         146         127         -         -         -           Effects and other accounts receivable         5         5         -         -         -           Cash and cash equivalents         145         104         -         -         -           Trade accounts receivable, net         (18)         8         -         -         -           Effects and other accounts receivable, net         31         38         -         -         -           Material in transit for operation         7         5         -         -         -	ecember
Active           Property, plant and equipment, net         42         38         3         3         1           Investments in financial instruments, net         146         127         -         -         -           Effects and other accounts receivable         5         5         -         -         -           Cash and cash equivalents         145         104         -         -         -           Trade accounts receivable, net         (18)         8         -         -         -           Effects and other accounts receivable, net         31         38         -         -         -           Material in transit for operation         7         5         -         -         -	CCITIOCI
Property, plant and equipment, net         42         38         3         3         1           Investments in financial instruments, net         146         127         -         -         -           Effects and other accounts receivable         5         5         -         -         -           Cash and cash equivalents         145         104         -         -         -           Trade accounts receivable, net         (18)         8         -         -         -           Effects and other accounts receivable, net         31         38         -         -         -           Material in transit for operation         7         5         -         -         -	2018
Investments in financial instruments, net         146         127         -         -         -           Effects and other accounts receivable         5         5         -         -         -           Cash and cash equivalents         145         104         -         -         -           Trade accounts receivable, net         (18)         8         -         -         -           Effects and other accounts receivable, net         31         38         -         -         -           Material in transit for operation         7         5         -         -         -	
Effects and other accounts receivable 5 5 5 Cash and cash equivalents 145 104 Trade accounts receivable, net (18) 8 Effects and other accounts receivable, net 31 38 Material in transit for operation 7 5	-
Cash and cash equivalents       145       104       -       -       -         Trade accounts receivable, net       (18)       8       -       -       -         Effects and other accounts receivable, net       31       38       -       -       -         Material in transit for operation       7       5       -       -       -	-
Trade accounts receivable, net  (18) 8  Effects and other accounts receivable, net  31 38  Material in transit for operation  7 5	-
Effects and other accounts receivable, net  31 38  Material in transit for operation  7 5	-
Material in transit for operation 7 5	-
•	-
	-
Restricted use funds11	-
Total assets in foreign currency 358 325 3 3 1	-
Passive	
Securities securities payable 1,523 1,557	-
Effects for paying long term and short term 961 978 20,912 20,177 -	-
Long and short term leases 410 410	-
Long-term and short-term accounts payable 71 92 938 873 3	2
Accumulated financial expenses payable 26 7 242 183 -	-
Valuation of financial instruments (11) (12)	-
Advances received from debtors 5 5	
Total liabilities in foreign currency 2,986 3,037 22,092 21,233 3	2
Excess liabilities on assets 2,628 2,712 22,090 21,230 2	

Items in US dollars were updated using the selling exchange rate for the colón with respect to the US dollar, established by the Central Bank of Costa Rica for operations with the non-banking public sector, equivalent to ¢599.53 as of March 31, 2019 (¢609.87 as of December 31, 2018).

# Notes to the Consolidated Financial Statements (in millions)

The following exchange rates have been applied:

	Exchange r	ate to U.S. \$
	March	December
	2019	2018
Euro	1.12	1.14
Colones	599.53	609.87
Yen japonés	110.80	110.03

In the case of foreign currency operations, Grupo ICE adheres to the provisions of Act No. 7558, Organic Act of the Costa Rican Central Bank [BCCR, its Spanish acronym], dated November 27, 1995. Article 89 of that Act states that institutions of the non-banking public sector shall execute their currency buy and sell transactions through the Central Bank of Costa Rica or state-owned commercial banks. These operations are to be performed using the valid exchange rates set for the date of the transaction by the Costa Rican Central Bank.

### Sensitivity study

The following chart presents the sensitivity analysis results as of March 31, 2019 and 2018. It shows the potential impact of an increase or decrease in the US dollar to colón exchange rate. The Grupo ICE uses a 10% sensitivity index, which represents its best estimate of variations in the US dollar to colón exchange rate.

	March	December
	2019	2018
_		
¢	1,503,853	1,576,497
USD	2,508	2,585
¢	1,654,238	1,734,147
¢	150,385	157,650
¢	1,503,853	1,576,497
USD	2,508	2,585
¢	1,353,468	1,418,847
¢	150,385	157,650
	¢ = ¢ USD ¢ USD ¢ = c	## 2019  ## 1,503,853  USD 2,508  ## 1,654,238  ## 150,385  ## 1,503,853  USD 2,508  ## 1,353,468

This analysis assumes that all other variables, particularly interest rates and exchange rates, remain unchanged.

#### Interest rate risk

The Grupo ICE has a financial hedging policy that establishes that the minimum exposure percentage in variable rates is of 40%. To comply with the policy, hedging instruments with fixed interest rates are acquired, or in relation to fixed rate liabilities, by using interest rate swaps, the group covers the variability of cash flows that can be attributed to the interest rate risk.

# Notes to the Consolidated Financial Statements (in millions)

# Exposure to interest rate risk

The Grupo ICE has important assets and liabilities represented mainly by temporary investments, long-term investments, and securities and notes payable, acquired to finance its commercial operations, all which are subject to interest rate variations.

The following notes describe interest rates related to financial assets and liabilities:

	Note
Securities securities payable	20(a)
Transitory investments	15
Effects payable	20(b)
Patrimonial investments	10
Investments in financial instruments	12
Effects and other accounts receivable	11
Obligations for financial leasing	20(c)

### Sensitivity study

When managing interest rate risk, the Grupo ICE tries to reduce the impact of short-term fluctuations in its earnings. In relation to temporary investments, long-term investments, and securities and notes payable, as well as financial leases, any permanent change in interest rates shall have an impact in the company's earnings.

# Notes to the Consolidated Financial Statements

(in millions)

During the period ended on March 1, 2019, the Group estimates that a one percent increase or decrease would have resulted in the following variations in the financial assets and liabilities it holds:

Effects	on Incom	e-Expen	diture	Results
Liicots				

	March	]	December				
•	2019		2018				
	Strengthening of 1%	Debitalization 1%	Strengthening of 1%	Debitalization 1%			
¢	729	(729)	535	(535)			
	1,477	(1,477)	1,322	(1,322)			
	31	(31)	27	(27)			
	799	(799)	753	(753)			
	11,951	(11,951)	12,126	(12,126)			
	-	-	194	(194)			
	7,846	(7,846)	7,571	(7,571)			
	-	-	-	-			
	5,038	(5,038)	5,157	(5,157)			
¢	27,871	(27,871)	27,684	(27,684)			
	¢	2019 Strengthening of 1%  \$\psi\$ 729 1,477 31 799 11,951 - 7,846 - 5,038	Strengthening of 1%         Debitalization 1%           \$\psi\$         729         (729)           \$1,477         (1,477)         (31)           \$799         (799)           \$11,951         (11,951)           \$-         \$-           \$7,846         (7,846)           \$-         \$-           \$5,038         (5,038)	2019         2018           Strengthening of 1%         Debitalization 1%         Strengthening of 1%           \$\psi\$         729         (729)         535           1,477         (1,477)         1,322           31         (31)         27           799         (799)         753           11,951         (11,951)         12,126           -         -         194           7,846         (7,846)         7,571           -         -         -           5,038         (5,038)         5,157			

# Notes to the Consolidated Financial Statements (in millions)

## c) Derivative Assets and Liabilities designated as cash flow hedges

As of March 31, 2019, cash flows related to derivative financial instruments are shown below. Expected cash flows take into account the cash flow forecasts of each derivative:

	-							More than 5
		Book Value	Cash Flows	6 months or less	6-12 months	1-2 year	2-5 years	years
Cross currency swap	¢	(4,076)	4,633	581	1,037	888	1,742	385
Cross currency swap	۶	2,031	3,504	439	784	1,227	966	87
Forward staring swap		(703)	356	68	166	118	4	-
Non delivery currency swap stretch a-1		(168)	446	89	148	178	30	-
Non delivery currency swap 3 años		(483)	1,703	144	1,024	535	-	-
Cupon swap 3 años		277	(180)	(155)	(25)	-	-	-
Cupon swap 3 años		(79)	(92)	(46)	(46)	-	-	-
Cupon swap 3 años		7	33	(20)	53	-	-	-
Cupon swap 3 años		239	57	39	18	-	-	-
Cupon swap 3 años		(128)	434	217	217	-	-	-
Cupon swap 3 años	_	(93)	228	106	121	-	-	<u> </u>
	¢	(3,176)	11,122	1,462	3,499	2,946	2,742	472

# Notes to the Consolidated Financial Statements (in millions)

As of December 31, 2017, cash flows related to derivative financial instruments are shown below. Expected cash flows take into account the cash flow forecasts of each derivative:

			Expected	6 months or	6-12			More than
		Book Value	Cash Flows	less	months	1-2 year	2-5 years	5 years
Cross currency swap	¢	(4,076)	4,633	581	1,037	888	1,742	385
Cross currency swap		2,031	3,504	439	784	1,227	966	87
Forward staring swap		(703)	356	68	166	118	4	-
Non delivery currency swap stretch a-1		(168)	446	89	148	178	30	-
Non delivery currency swap 3 años		(483)	1,703	144	1,024	535	-	-
Cupon swap 3 years		277	(180)	(155)	(25)	-	-	-
Cupon swap 3 years		(79)	(92)	(46)	(46)	-	-	-
Cupon swap 3 years		7	33	(20)	53	-	-	-
Cupon swap 3 years		239	57	39	18	-	-	-
Cupon swap 3 years		(128)	434	217	217	-	-	-
Cupon swap 3 years		(93)	228	106	121	-	-	-
	¢	(3,176)	11,122	1,462	3,499	2,946	2,742	472

# Notes to the Consolidated Financial Statements

(in millions)

In the case of cash flow hedges, expected cash flows for the primary instrument and the hedging derivative are presented below.

	F	Expected cash flows					
		derived less than 12 months over 12 months					
Forward staring swap							
BID-1931A/OC-CR	¢	57,000	14,250	57,000			

# Notes to the Consolidated Financial Statements (in millions)

The general characteristics of positions exposed to market risk that are being hedged with derivatives are presented below:

	PR003 stretch A D091319	PFI -019 Dollar/colon stretch A-1 E1: 96556	PR004 5- Yenes NEM120618ICE	PF-021 Yenes C34569	dollar/colon threeyears C34812601207	PFI022 dollar/colon threeyears C3489721003	PFI024 dollar/colon threeyears C38910	PFI026 dollar/colon threeyears C39164	PFI027 dollar/colon threeyears C3489850286	PFI023 dollar/colon threeyears C3489721052	PFI025 dollar/colon threeyears C38912
Debt covered	BID-1931 A/OC-CR	PR003	JIBC-CR-P3	JIBC-CR-P3	BondS 2043	BID-1908	BID-1908	Bond 2021	Bond 2021	Bond 2043	Bond 2043
Principal amount	USD 71.3	USD 71.250	JPY 3,658	JPY 3,728	USD 200	USD 50	USD 50	USD 100	USD 200	USD 50	USD 50
Amount covered	USD 171.0	CRC 114	USD 8,170	USD 5,219	CRC 113,216.000	CRC 27,715	CRC 27,815	CRC 55,200	USD 110,850	CRC 27,815	CRC 27,716
Exchange rate	N/A	CRC 533	USD 91	USD 123.3	CRC 566.08	CRC 556.29	CRC 556.29	CRC 552.00	CRC 554.25	CRC 556.29	CRC 554.31
Date of hire	27/01/2009	18/09/2015	20/10/2009	03/12/2015	22/11/2017	23/11/2016	23/11/2016	09/12/2016	09/12/2016	23/11/2016	23/11/2016
Start date coverage or first payment	14/01/2010	14/01/2016	22/10/2012	20/04/2016	15/11/2017	25/11/2016	25/11/2016	10/11/2016	10/11/2016	14/11/2016	14/11/2016
Expiration date coverage	14/07/2023	14/07/2023	20/04/2026	20/04/2026	15/11/2020	25/11/2019	25/11/2019	10/11/2019	10/11/2019	14/11/2019	14/11/2019
Term	14 years	7 years,8 Months y 5 days	14 years	10 years 5 Months	3 years	3 years	3 years	3 years	3 years	3 years	3 years
Base rate	Libor 6 Months	3.23%	-	-	6.375%	Libor 6 Months	Libor 6 Months	6.95%	6.95%	6.375%	6.375%
Spread over / under base rate	3.63%		2.20%		-	0,90 pb	0,90 pb	-	-	-	-
Fixed rate	-	-	-	-	-	-	-	-	-	-	-
Total fixed rate	6.86%	4.23%	5.11%	5.01%	-	3.05%	2.92%	7.94%	7.72%	6.96%	7.29%
Strategy	Coverage	Coverage	Coverage	Coverage	Coverage	Coverage	Coverage	Coverage	Coverage	Coverage	Coverage
Covered risk	Interest rate	Exchange rate dollar/colon	Exchange rate Yen/dollar	Exchange rate Yen/dollar	Exchange rate dollar/colon	Exchange rate dollar/colon	Exchange rate dollar/color	Exchange rate dollar/colon	Exchange rate dollar/colon	Exchange rate dollar/colon	Exchange rate dollar/colon
Instrument hired	Exchange rate Interest rate	Exchange of payment flows without delivery	Currency exchange	Barter of non-deliverable currency	Barter currency exchange	Barter currency exchange	Barter of non-deliverable currency	Barter of non- deliverable currency	Barter of non- deliverable currency	Barter of non- deliverable currency	Barter of non- deliverable currency

# Notes to the Consolidated Financial Statements (in millions)

### Capital Management

Article 17 of Chapter IV "Equity and Earnings" of the Act to Create the Costa Rican Electricity Institute, No. 449, dated April 8, 1949 states that "Grupo ICE's financial policy will be to reinvest the net profit it receives from the sale of electricity and from any other sources, to finance and execute national electrification plans, and drive the electric power industry.

The Government shall not receive any part of the earnings, as Grupo ICE cannot be considered a productive source of revenue for the Costa Rican Tax Authority. Instead, it is to use all means at its disposal to increase the production of electricity as a basic industry of the Nation.

The policy is to maintain a strong capital base so as to maintain general market confidence and secure the future growth of ICE.

The goal is to maximize the return of the Group's capital and financial investments by adequately balancing the levels of debt and invested capital, while also minimizing risk.

In the second quarter of 2019, Grupo ICE's capital management remained unchanged, as the institution is not subject to any external capital requirements.

Grupo ICE's adjusted debt/equity ratio on the date of the consolidated statement of financial position is as follows:

Index Debt - Capital		Up to March 2019	Up to December 2018
Total liabilities	¢	3,646,642	3,432,143
(-) Cash and equivalent to cash		(371,573)	(138,655)
Debt, net		3,275,069	3,293,488
Total patrimony Minus:		2,632,787	2,635,642
Amount accumulated in patrimony in relation to			
coverage of cash flow		(34,162)	(41,786)
Capital ajusted		2,598,625	2,593,856
Index debt	¢	1,260	1,270

# Notes to the Consolidated Financial Statements (in millions)

## **Estimation of Potential Loss:**

Pursuant to SUGEVAL's methodology, a risk rating and write-off percentage is assigned to each investment based on the maturity of the instrument, per what is stated in the following charts:

		International Qualifica	ations	
Term	Moody's	Standard & Poor's	Fitch	Weighting
		A1+	F1+	0%
	P1	Al	F1	1,0%
C1 4	P2	A2	F2	2,5%
Short term	P3	A3	F3	5,0%
		В	В	7,5%
	C y others	C y others	C y others	10,0%
	Aaa	AAA	AAA	0%
	Aa	AA	AA	1,0%
	A	A	A	2,5%
Long term	Baa	BBB	BBB	5,0%
	BA	BB	BB	7,5%
	В	В	В	9,0%
	Caa y others	CCC y others	CCC y others	10,0%

Local qualifications					
Term	Qualification	Weighting			
Short term	1, 2, 3	7,5%			
	others	10,0%			
Long term	AAA - A	7,5%			
	BBB - B	9,0%			
	CCC v others	10.0%			

Class	International	Qualification	Local qualification		
Class	Long term	Short term	Long term	Short term	
1	AAA y AA	F1, A-1 y P-1	-	-	
2	A y BBB	F2, A-2 y P-2	-	-	
3	BB	F3 y P-3	Scr-AAA y AAA(cri) scr-AA y AA(cri)	Scr-1 y F1(cri) scr-2 y F2 (cri)	

Write-off percentages are applied as follows: investments of the Costa Rican Central Bank 0%; Government and Ministry of Finance, 0.5%; repurchase agreements are subject to a counterparty rating; and unrated issuances, which are classified as "other", are subjected to a 10%. Sovereign ratings and write-offs are applied to investments in US dollars in accordance with the tables above. The final result corresponds to the "potential loss".

# Notes to the Consolidated Financial Statements (in millions)

As of March 31, 2019, risk ratings reported for Grupo ICE are as follows:

Transmitter	Isin	Instrument	Rate risk
BAC Bank San José, S.A.	CRBSJ00B1913	BSJ Bond	AAA (cri)
BAC Bank San José, S.A.	CRBSJ00B1921	BSJ Bond	AAA(cri)
BAC Bank San José, S.A.	CRBSJ00B1970	BSJ Bond	AA+(cri)
Bank Cathay	00CATAYE9574	Term Certificate of Deposit (global notes)	SCR2-
Bank Cathay	00CATAYE9640	Term Certificate of Deposit (global notes)	SCR2-
Central Bank of Costa Rica	CRBCCR0B4080	Monetary Stabilization Fixed Rate Bond	BB-
Central Bank of Costa Rica	CRBCCR0B4403	Monetary Stabilization Fixed Rate Bond	BB-
Central Bank of Costa Rica	CRBCCR0B4726	Monetary Stabilization Fixed Rate Bond	BB-
Central Bank of Costa Rica	CRBCCR0B4874	Monetary Stabilization Fixed Rate Bond	BB-
Central Bank of Costa Rica	CRBCCR0B4882	Monetary Stabilization Fixed Rate Bond	BB-
Central Bank of Costa Rica	CRBCCR0B5004	Monetary Stabilization Fixed Rate Bond	BB-
Bank Davivienda (Costa Rica) S.A.	CRBDAVIB0088	Davivienda Bond	AAA(cri)
Bank of Costa Rica	00BCR00E9585	Term Certificate of Deposit (global notes)	AA+(cri)
Bank of Costa Rica	CRBCR00B3560	Repurchase	AA+(cri)
International Bank of Costa Rica -Miami-	0NR0ICE00358	Overnight BID 2747	BB+
International Bank of Costa Rica -Miami-	0NR0ICE00689	Overnight BEI	BB+
National Bank of Costa Rica	00BNCR0E4854	Term Certificate of Deposit (global notes)	AA+(cri)
National Bank of Costa Rica	00BNCR0E6610	Term Certificate of Deposit (global notes)	AA+(cri)
National Bank of Costa Rica	CRBNCR0B1802	BNCR Bond	AA+(cri)
Popular Bank And Community Development	00BPDC0E4487	Repurchase	AA+(cri)
Popular Bank And Community Development	CRBPDC0B7168	BPDC Bond	AA+(cri)
Popular Bank And Community Development	CRBPDC0B7275	BPDC Bond	AA+(cri)
Popular Bank And Community Development	CRBPDC0B7309	BPDC Bond	AA+(cri)
Popular Bank And Community Development	CRBPDC0B7325	BPDC Bond	AA+(cri)
Popular Bank And Community Development	CRBPDC0B7341	BPDC Bond	AA+ (cri)
Popular Bank And Community Development	CRBPDC0B7390	BPDC Bond	AA+ (cri)
Popular Bank And Community Development	CRBPDC0B7556	BPDC Bond	AA+ (cri)
PRIVAL Bank, S.A. (Old BANSOL Solutions Bank)	00PRIVAE0633	Term Certificate of Deposit (global notes)	SCR2
Scotiabank of Costa Rica, S.A.	CRSCOTIB1292	Scotiabank Bond	AAA(cri)
Trust Distinguished Fire Brigade	CRFTBCBB0044	FTBCB Bond	SCR AA
Γrust Distinguished Fire Brigade	CRFTBCBB0051	FTBCB Bond	SCR AA
Financial Desyfin	00FDESYE9542	Term Certificate of Deposit (global notes)	SCR2
Financial Desyfin	00FDESYE9575	Term Certificate of Deposit (global notes)	SCR3
Florida ICE & Farm Company S.A.	CRFIFCOB0998	FIFCO Bond	SCR AAA
Government	0NR0ICE00805	Promissory note of the treasure (electronic wir	
Government	CRG0000B11H2	Property title	BB-
Government	CRG0000B18I5	Repurchase	BB-
Government	CRG0000B20I1	Property title	BB-
Government	CRG0000B21I9	Repurchase	BB-
Government	CRG0000B27H8	Property title	BB-
Government	CRG0000B29H4	Property title	BB-
Government	CRG0000B35I9	Repurchase	BB-
Government	CRG0000B38I3	Repurchase	BB-
Government	CRG0000B44I1	Repurchase	BB-
Government	CRG0000B45H0	Repurchase	BB-
Government	CRG0000B48H4	Property title	BB-
Government	CRG0000B48I2	Title of property macro zero coupon	BB-
Government	CRG0000B51H8	Property title	BB-
Government	CRG0000B56G9	Repurchase	BB-
Government	CRG0000B56H7	Repurchase	BB-
Government	CRG0000B57H5	Property title	BB-
Government	CRG0000B63H3	Repurchase	BB-
Government	CRG0000B64H1	Repurchase	BB-
Government	CRG0000B70G0	Repurchase	BB-
Government	CRG0000B76H5	Real sovereign adjustable property title	BB-
Government	CRG0000B82H3	Property title	BB-
Government	CRG0000B90G8	Repurchase	BB-
Government	CRG0000B91G6	Repurchase	BB-
Government	CRG0000B96G5	Property title	BB-
Government	USP3699PAA59	Bond external debt Costa Rica	BB-
Mutual Group Alajuela-Savings and Loan Housing	CRMADAPB2475	MADAP Bond	AA+(cri)
		MADAP Bond	SCR AA+
Mutual Group Alajuela-Savings and Loan Housing	CRMADAPB2525		
Mutual Group Alajueia-Savings and Loan Housing La Nación S.A.	CRNACIOB0175	Bond La Nación S.A.	SCR AAA
		Bond La Nación S.A. MUCAP Bond	SCR AAA AA+(cri)
La Nación S.A.	CRNACIOB0175		
La Nación S.A. Mutual Cartago of Savings and Loan	CRNACIOB0175 CRMUCAPB1458	MUCAP Bond	AA+(cri)

# Notes to the Consolidated Financial Statements (in millions)

### Note 36. Contingent assets and liabilities

As of March 31, 2019, Grupo ICE was involved in the following legal proceedings:

	Number of	Estimated amount	As of March 31,	As of December 31,
	cases	of the claim	2019	2018
			Litigation	provision
Contingent assets - lawsuits filed by Grupo ICE:				<u> </u>
Execution of judgment (Administrative)(1)	22	5,534	-	-
Ordinary Administrative (2)	15	4,827	-	-
Other	87	123,387		
Total contingent assets	124	133,749		
	Number of	Estimated amount	As of March 31,	As of December 31,
	cases	of the claim	2019	2018
	cuses	of the claim		provision
Contingent liabilities - lawsuits filed against Grupo ICE:				
Administrative and Civil Court of Finance (3)	18	41,597	306	306
Ordinary (Administrative)	28	1,310	535	576
Administrative proceedings	104	697	45	48
Execution of judgment (Administrative)	9	45	44	44
Other	83	77,320	478	688
Total contingent liabilities	242	120,969	1,407	1,661
Less reclassification of not current portion			42	347
Current			1,365	1,314

Below is the definition of the main types of proceedings and jurisdictions recognized by Grupo ICE:

a) <u>Arbitration</u>: the resolution of a litigation without going to an ordinary jurisdiction.

The parties, by mutual consent, decide to appoint an independent third party, referred to as arbitrator, or an arbitration tribunal, that shall be in charge of settling the dispute. The arbitrator shall be, in turn, limited to the agreements reached by the parties to issue the arbitration award in accordance with the laws chosen by the parties to govern the conflict, or otherwise, based on equity, if this was agreed.

- b) <u>Contentious</u>: a judicial proceeding to review a conduct under the guardianship of the Contentious Jurisdiction. The Contentious-Administrative Jurisdiction seeks to protect the legal situations of every person, guarantee or reestablish the lawfulness of any conduct of the Public Administration subject to the Administrative law, and hear and settle different aspects of the legal-administrative relationship. (Article 1 of the Contentious-Administrative Procedural Code).
- c) <u>Administrative</u>: an administrative proceeding is processed at an administrative court and must comply with the provisions contained in the General Public Administration Act, article 214, paragraph one, to ensure that the Government best complies with its goals, while respecting the subjective rights and lawful interests of citizens, in accordance with legal systems.

# Notes to the Consolidated Financial Statements (in millions)

### **Contingent assets:**

Among the contingent assets and liabilities that have the largest claims are:

- (1) The ICE awarded a tender to create telephone guides to Verizon. Upon Verizon's breach, the ICE started a judicial proceeding in the contentious-administrative jurisdiction in 2005 to collect damages, and requested, as injunctive relief, the seizure of the monies that ICE had deposited. The following is the current state of the Process: "By means of a resolution issued by the First Chamber of the Supreme Court of Justice, the defendant is sentenced to pay for the damages caused by the contractual breach, per the provided estimates." As of March 31, 2019 and December 31,2018, the estimated amount was equal to \$\psi\_3,781.
- (2) Contentious process to enforce judgment that seeks that RECOPE pay to ICE the financial damages that it suffered as a result of the extra cost that it had to incur because it had to use diesel in the Garabito, Orotina and Guápiles production centers as a result of a delayed delivery of fuel. These amounts were awarded under judgment number 133-2016 by the Contentious-Administrative Court. The amount estimated, as of March 31, 2019 and December 31, 2018, was \$\phi\$1,030.

#### Contingent liabilities:

The following proceeding, which involves one of its subsidiaries, is included within the Group's main contingent liabilities:

- i. Ghella Spa Costa Rica-File No. 10-3471-1027-CA: This claim seeks to annul the limitations established in Addendum No. 1 of the Agreement for the design, construction, equipment, and start-up of operations of the El Encanto Hydroelectric Project. The estimated amount is \$\psi 21,047\$.
- ii. Grupo Corporativo SARET: The plaintiff filed an early precautionary measure against *Compañía Nacional de Fuerza y Luz, S.A.* because the latter executed the performance bond to collect penalties. Furthermore, the plaintiff filed a formal claim for consequential damages, loss of profit and loss of opportunity.
  - The estimated amount of the proceedings is ¢7,690.
- iii. Instalaciones Inabensa, S.A.- File No. 5-1194-163-CA: This case was initiated for the collection of an estimated \$\psi\$11,081 in penalties during the execution of the project for underground electrification of San Jose. The plaintiff seeks the collection of claims and reimbursement of penalties filed during the stage of execution of the aforementioned project.
- These legal proceedings are against the subsidiary *Compañía Nacional de Fuerza y Luz, S.A.* This subsidiary appealed such claims and, as of March 31, 2019, information is still lacking to establish the possible final resolution of the matter. Due to the uncertainty of how other claims will be settled,, the Management of this subsidiary has not deemed it necessary to record any provisions to cover possible losses that might derive from such resolution.

In addition, as of March 31, 2019, the status of the P.H. Chucás and Hidrotárcoles projects, are presented below:

#### (a) P.H. Chucás Project:

# Notes to the Consolidated Financial Statements

(in millions)

The Chucás Hydroelectric Power Plant is a B.O.T. (Build, Operate and Transfer) project built by P.H. Chucás, S.A., and located in the counties of Mora and Atenas, provinces of San José and Alajuela, respectively. Its construction began on 2011, reason why its commissioning was expected for September 2014. However, due to delays in the construction process, the hydroelectric power plant was ready to start operating until November 2016. Due to this delay, and as stated in the power purchase agreement executed on February 3, 2011, the ICE proceeded to issue a fine for US\$9.4 (approximately \$\psi.092).

Thereafter, the company started an arbitration proceeding before the International Center for Conciliation and Arbitration (CICA, its Spanish acronym), an entity that is affiliated to the US-Costa Rican Chamber of Commerce (AmCham), claiming that excess costs incurred during the construction of the hydroelectric power plant had not been recognized, and that it be declared that ICE had no right to collect such fine, as the delay was caused by Force Majeure. The alleged excess costs amounted to the sum of US\$173 (the budget allocated for the construction was US\$107, even though the final cost reported to the Arbitration Tribunal was approximately US\$280), which, according to the company, were caused by unforeseeable events such as geological changes, among others. In November 2017, the CICA issued an arbitration award in favor of P.H. Chucás, S.A., stating that the ICE had to pay the amount claimed for alleged excess costs, professional fees, among others. In addition, it declared that the ICE had no right to collect the criminal clause (the aforementioned penalty). The main argument used to sentence the ICE to pay the excess costs in the mentioned legal proceeding pointed out that the ICE was under the obligation of paying for the actual cost or value, to reestablish the financial equilibrium of the agreement and avoid the alleged enrichment, without cause, of ICE. The sentence states that ICE must pay US\$112.7 and ¢6,328.

On December 15, 2017, the filed an Appeal for Annulment of an Arbitration Award before the First Chamber of the Supreme Court of Justice, alleging that certain defects that rendered the award null existed, such as: conflict of interest of the arbitrators, violation of due process, violation of the principle of impartiality, violation of arbitration procedural rules by refusing to grant the right to hear evidence and unfair treatment, lack of consensus in the case law, violation of rules of public order, among others. According to the Alternate Dispute Resolution Act, the filing of this appeal for annulment does not suspend the execution of the Award and, therefore, the contractor could request the execution thereof, even though, for such purposes, the contractor would have to file a judicial proceeding to "execute the award" against ICE and this would necessarily entail that ARESEP be a part thereof, as the entity that regulates the business of electricity and that is responsible for setting rates. The management of ICE and its legal advisors expect a positive outcome given the arguments in the appeal for annulment that was filed before the First Chamber of the Supreme Court of Justice, and the criminal claim filed against the arbitrators in the Public Prosecution Office, that is to say, they expect that the case will be finally settled in favor of ICE and, therefore, do not consider necessary to record any provision to cover any losses that could eventually arise from the resolution of the case.

As of March 31, 2019, the Appeal for Annulment is still pending resolution in the First Chamber.

# Notes to the Consolidated Financial Statements (in millions)

### (b) <u>Hidrotárcoles Project</u>

- The P.H. Capulín Project is a B.O.T (Build, Operate and Transfer) project started by the company P.H. Hidrotárcoles, S.A. that was contemplated in power purchase agreement no. 2012000023, entered by and between that company and ICE on April 24, 2012. This project is located in the counties of Turrubares and Atenas, in the provinces of San José and Alajuela. According to the terms of this agreement, once the start order was given, such company had to start building the power plant on August 2012, and the commissioning of the plant had to take place on August 2015. Nevertheless, due to delays in the construction process, on December 2015, the ICE started an administrative proceeding to settle the agreement and declare a penalty against the company Hidrotárcoles, S.A., for its breach of the guaranteed commissioning date, as only 20% of the works had been completed as of the date it had to start operating. Likewise, in accordance to what the agreement states, the ICE proceeded to notify the representatives of the Creditors, i.e., the *Banco Nacional de Costa Rica*, and inform it about its decision to settle the agreement, as well as of its decision that ICE would not continue with the project. All of this complied with the provisions of the power purchase agreement.
- In light of the foregoing, on December 2015, the company filed a request for an injunctive relief before the Contentious-Administrative Tribunal in order to suspend the aforementioned proceeding. The Tribunal admitted such relief on January 2016, ordering the suspension of such proceeding. In addition, on February of that same year, the company Hidrotárcoles filed a lawsuit against ICE in the Contentious Tribunal, whereby it requested that several administrative acts that gave origin to the aforementioned proceeding be annulled, and whereby it aims that Hidrotárcoles be given the right to modify the guaranteed commissioning date and ICE be sentenced to pay damages, among other things.
- The company Hidrotárcoles continued requesting the same injunctive relief to the Contentious Tribunal, not only in such lawsuit, but also at other times, in order to prevent ICE from continuing with the contractual resolution proceeding. Nevertheless, on February 21, 2017, the Court of Appeals of Contentious-Administrative Matters, finally rejected the injunctive measure, and, as of that resolution, ICE was allowed to continue with the aforementioned procedure. During the course of such proceeding, the company Hidrotárcoles also attempted, in several occasions, to stop it, with repeated actions to challenge the members of such body. It even filed a lawsuit against the officers that comprised such body, although all of the challenges were rejected and the lawsuit was declared inadmissible by the Contentious Administrative Court on January 2018.
- During the course of the administrative proceeding, the company, Hidrotárcoles, was guaranteed, at all times, its right to a defense and to a due process, in which it could file all of the claims and evidence that it deemed pertinent to contest the alleged noncompliance. This proceeding ended with a final ruling by the deciding body, by means of order No. 5201-10-2018, dated January 15, 2018, in which it approved the resolution of the agreement and the penalty against the company Hidrotárcoles, S.A., in relation to Public Tender No. 2006-000043-PROV.
- On January 18, 2018, within the established time frame, the company Hidrotárcoles formally filed, against ICE, a motion for revocation of judgment with supplementary appeal and concomitant nullity against such final ruling. This motion for revocation was settled by the deciding body on March 12, 2018. Thereafter, on April 12, 2018, the Corporate Services Management settled the motion for appeal and concomitant nullity, which meant that all administrative remedies available had been exhausted.

# Notes to the Consolidated Financial Statements

(in millions)

- On May 03, 2018, the Contentious-Administrative Court notified ICE a request for a provisional injunctive relief filed by the BNCR, whereby it was requesting that the ICE take immediate possession and control of the Capulín San Pablo Hydroelectric Project while the dispute between the parties is settled.
- Resolution 571-2018-T of the Contentious-Administrative Court, issued on October 05, 2018, rejected the request made by the BNCR. However, on October 11, 2018, the representatives of BNCR filed a motion to appeal such Resolution that was admitted. During a hearing of the appeal held on November 27, 2018, the Court of Appeals rejected the measure that was filed and restated what it had ruled in Resolution 571-2018-T. On December 18, 2018, the BNCR filed a proceeding leading to a declaratory judgment against the *Instituto Costarricense de Electricidad* under file number 18-011428-1027-CA.
- In addition, on May 03, 2018, the Contentious-Administrative Court notified a request for a provisional injunctive relief filed by Hidrotárcoles against the ICE and the BNCR, in which it requested that the execution of the following acts be suspended: ICE: the final act of contractual resolution and the resolution of the motion for revocation with appeal. BNCR: act to suspend the disbursements and act to execute the performance bonds. This request for an injunctive relief was rejected by the Contentious-Administrative Court by means of a resolution issued on April 26, 2018, and a hearing was granted to both parties. Thereafter, by means of resolution 420-2018-T, issued at 09:15 on July 18, 2018, the Contentious Court finally rejected such injunctive relief.
- On July 24, 2018, Hidrotárcoles, S.A. filed an appeal against resolution 420-2018-T. During a hearing held on September 24, 2018, the Court of Appeals, by means of resolution number 397-2018-II, due to procedural aspects, returned the file to the first instance Judge so that he would settle the matter. On November 12, 2018, the first instance judge, by means of resolution 634-2018-T, fully rejected all of the scopes of the requested injunctive relief. Hidrotárcoles filed an appeal against resolution 634-2018-T and a hearing was scheduled for January 24, 2019. Such a hearing was suspended due to procedural aspects. The scheduling of a new hearing is still pending.
- On May 09, 2019, the hearing relating to the appeal filed by Hidrotárcoles was held, and the request for the relief was rejected and, therefore, the contents of resolution 634-2018-T were upheld.
- As of March 31 2019, the Grupo ICE has allocated an amount equivalent to \$1,365 (\$1.314 in 2018) to a provision related to the legal proceedings mentioned in the chart of contingent liabilities.
- Due to the uncertainty of what the final results of such legal proceedings will be, as of March 31, 2019, the Grupo ICE had not allocated any additional funds to such provision to cover any possible obligations that could arise as a result of the final resolution thereof.

Notes to the Consolidated Financial Statements (in millions)

# Note 37. Balances and transactions with related parties

The balances and transactions with related parties are detailed below:

### Business and financial transactions:

During the year, Grupo ICE performed the following business transactions with related parties:

	-	Sale of goods	and services	Purchase of goods and services ended		
			For year e			
		31/03/2019	31/03/2018	31/03/2019	31/03/2018	
Construction services:	_					
Engineering services	¢	-	349	-	-	
National Emergency Comission (CNE)		18	-	-	-	
Other related parties		290	-	-	-	
Sale of energy:						
Government entities		1,234	1,405	-	-	
Interest:						
Subsidiaries		870	-	-	-	
Government entities		1,861	1,688	-	-	
Autonomous institutions		234	-	-	-	
State-owned financial entities		1,081	1,192	2,737	3,425	
Other services:						
Subsidiaries		1,491	-	1,373	-	
Government entities		6,608	3,098	796	936	
State-owned financial entities (1)		-	-	17,945	-	
Other related parties		446	718	762	389	
	¢	14,132	8,449	23,613	4,750	

<sup>(1)</sup> These are lease installments for the Garabito, Cari Blanco and Toro III Trusts. In addition, a building and premises maintenance fee in the amount of ¢3,089 was added.

The sales of goods and services to related parties are made at the list prices of Grupo ICE. The purchases are made at the market price to reflect the amount of goods purchased and the relationships between the parties

# Notes to the Consolidated Financial Statements (in millions)

The following balances receivable and payable were outstanding at the end of this reporting period:

		Recei	vable	Payable	e
		31/03/2019	31/12/2018	31/03/2019	31/12/2018
Government entities	•	7,268	6,217	365	622
Autonomous institutions		11,164	13,904	5,913	5,831
state-owned financial entities		-	-	-	4,579
Other related parties		1,147	-	424	8
	¢	19,578	20,121	6,701	11,040

The balances do not include expenses from public services (electricity, water, telecommunications, social security, and tax burdens).

The outstanding amounts are not guaranteed and are expected to be settled in cash. No guarantees have been granted or received. No expenses have been recognized in the current period or previous periods regarding doubtful accounts related to the amounts owed by related parties.

As of March 31, 2019, the Group maintained notes and leases payable with government financial institutions in the amount of \$\psi 247,384 (\psi 253,275 as of December 31, 2018).

The following balances are related to financial investments and restricted-use funds placed in or by state-owned financial entities:

		As of March 31	As of December 31,
	_	2019	2018
Cash equivalents	¢	26,642	17,682
Held to maturity		98,790	116,267
Restricted funds	_	498	1,017
	¢	125,930	134,966

As of March 31, 2019, interest receivable from securities issued by state-owned financial entities amount to a total of \$\xi\_3,541\$ (\$\xi\_3,166\$ as of December 31, 2018).

As of March 31, 2019, investments in the share capital of autonomous and non-governmental entities amounted to \$\psi\_30,750\$ (\$\psi\_30,768\$ in 2018) (see note 10).

# Notes to the Consolidated Financial Statements (in millions)

## Compensation of management's key staff

The compensation of directors and other key members of management during the 2019 and 2018 periods was as follows:

		As of March 31,		
		2019	2018	
Short-term benefits	¢	1,552	4,563	
Severance benefits		37	-	
Post-employment benefits		106	352	
Other long-term benefits		-	83	
	¢	1,695	4,998	

The compensation of management's key staff includes balances and contributions to a defined postemployment benefit plan, for termination, and other long-term benefits paid during the period.

#### **Note 38.** Information by segment

## (a) <u>Bases for segmentation</u>

Grupo ICE has the following reportable segments:

- The Telecom Segment includes ICE-telecommunications sector, Radiográfica Costarricense, S.A. (RACSA), Compañía Radiográfica Internacional de Costa Rica, S.A. (CRICSA), Cable Visión de Costa Rica, S.A. (CVCRSA) and Gestión Cobro Grupo ICE, S.A. (93.34%).
- The Electricity Segment includes the ICE-electricity sector, Compañía Nacional de Fuerza y Luz, S.A. (CNFL). and Gestión Cobro Grupo ICE, S.A. (6.66%).

The information by segment is submitted to the highest authority in charge of the operational decision making of the Group with the purpose of allocating resources and evaluating the performance of each segment; it is focused on the different sectors of the Institute (business segment), which are exposed to different risks and yields.

The results, assets, and liabilities of the segment includes items directly attributable to a segment, as well as those that can be reasonably attributed. - Information related to each segment that requires reporting is stated in the following section.

Notes to the Consolidated Financial Statements (in millions)

# (b) Products and services that generate the revenue from the segments that need to be reported

The types of products and services provided by each segment are detailed in note 1.

## (c) Revenue and results by segments

An analysis of the revenue and the results of Grupo ICE from the operations by segment to be informed is as follows:

	-	For the periods anded March 31,							
		<u>Electricity</u>		Telecommunications		Consolidated total			
Resultados por segmento		2019	2018 *	2019	2018 *	2019	2018 *		
Income per segment	¢	204,481	208,459	153,130	140,628	357,611	349,087		
Investment income		4,009	5,263	1,156	1,741	5,165	7,004		
Finance costs		(41,290)	(45,504)	(2,914)	(4,773)	(44,203)	(50,276)		
Foreign exchange differences, net		30,685	6,302	4,799	2,050	35,484	8,351		
income from investments in other		-	-	14	-	14	-		
(Deficit) surplus, net		(13,063)	(34,870)	1,122	(6,772)	(11,941)	(41,642)		

<sup>\*</sup> Restated, See notes 34.

The revenue by segment, as informed in the foregoing paragraphs, accounts for the revenue generated by external clients

The revenue among segments is as follows:

- The revenue from service sales of the electricity segment to the telecommunications segment amounts to  $\&ppenture{2}$ 1,814 in 2018).
- The revenue from service sales of the telecommunications segment to the electricity segment amounts to  $$\phi 595$$  for 2019 ( $$\phi 557$$  in 2018).

#### Notes to the Consolidated Financial Statements

(in millions)

The accounting policies of the segments that are informed are the same as the accounting policies of the Group. The profits by segment represent the profits earned by each segment without an interest in the results of the period, the investment income, other profits or losses, as well as the financial costs that cannot be allocated to a specific segment. This represents the measurement reported to the decision maker of the operating area for the purposes of allocating the resources and assessing the performance of the segments.

## (d) <u>Assets and liabilities by segments</u>

		As of March 31, 2019 and December 31, 2018.					
Segment assets and liabilities		<u>Elect</u> 2019	ricity 2018	Telecomm 2019	unications 2018	Consolid 2019	ated total 2018
Assets	¢	4,897,604	4,796,770	1,381,825	1,271,014	6,279,429	6,067,784
Liabilities		3,078,752	2,948,625	567,890	483,518	3,646,642	3,432,143

In order to monitor the performance of the segments and allocation of resources among segments:

- There are no assets and liabilities that have not been allocated to the segments.
- All the assets and liabilities jointly used by the segments that have to reported are allocated according to the methodology to allocate the expenditures of the Corporation to the business where the financing percentages are established according to the drivers defined by each unit for the different services provided by the administrative centers and the service centers to each business unit. Each service has a specific measurement unit and the allocation is based on the consumption of the services, which methodology is based on the ABC Costing (activity-based costing), as approved by the Board of Directors.

# Notes to the Consolidated Financial Statements (in millions)

# (e) Other information of the Segment

		Depreciat	ion and	Additions to nom-	current assets
		Period ended	March 31,	Period ended N	March 31,
		2019 2018		2019	2018
Telecom Segment	¢	30,493	37,147	2,083	1,484
Electricity Segment		40,008	39,150	14,267	2,031
Total	¢	70,501	76,298	16,350	3,514