

Online Resource 1 — Primary data sources

Article: Tariff freezes, demand growth and the grace time of electricity distribution networks: Evidence from Buenos Aires. **Journal:** Journal of Regulatory Economics. **Author:** Juan Pablo Manini, Universidad Nacional de Córdoba, Facultad de Ciencias Económicas, Córdoba, Argentina (juanpablomanini@mi.unc.edu.ar)

This resource lists the primary documents from which every series was taken. The value of each datum together with its filing and URL is given in Online Resource 2 (data/raw/edenor_filings.csv for Edenor; data/raw/edesur.csv and data/raw/edesur_capex.csv for Edesur; variables and units are described in data/CODEBOOK.md).

Edenor (SEC EDGAR, CIK 1395213)

Edenor S.A. (2008). Form 20-F, fiscal year 2007.

https://www.sec.gov/Archives/edgar/data/1395213/000114420408036782/v118181_20f.htm

Edenor S.A. (2010). Form 20-F, fiscal year 2009.

https://www.sec.gov/Archives/edgar/data/1395213/000114420410032380/v187617_20f.htm

Edenor S.A. (2011). Form 20-F, fiscal year 2010.

https://www.sec.gov/Archives/edgar/data/1395213/000114420411035560/v225803_20f.htm

Edenor S.A. (2012). Form 20-F, fiscal year 2011.

https://www.sec.gov/Archives/edgar/data/1395213/000114420412024029/v310688_20f.htm

Edenor S.A. (2013). Form 20-F, fiscal year 2012.

https://www.sec.gov/Archives/edgar/data/1395213/000129281413000983/edenor20f_2012.htm

Edenor S.A. (2014). Form 20-F, fiscal year 2013.

https://www.sec.gov/Archives/edgar/data/1395213/000129281414000985/ednform20f_2013.htm

Edenor S.A. (2015). Form 20-F, fiscal year 2014.

https://www.sec.gov/Archives/edgar/data/1395213/000129281415001184/ednform20f_2014.htm

Edenor S.A. (2016). Form 20-F, fiscal year 2015.

https://www.sec.gov/Archives/edgar/data/1395213/000129281416004357/ednform20f_2015.htm

Edenor S.A. (2017). Form 20-F, fiscal year 2016.

https://www.sec.gov/Archives/edgar/data/1395213/000129281417001094/ednform20f_2016.htm

Edenor S.A. (2019–2021). Forms 20-F, fiscal years 2018 to 2020 (XBRL financial data).

<https://www.sec.gov/Archives/edgar/data/1395213/000129281419001619/> ;
.../000129281420001461/ ; .../000129281421001740/

Edenor S.A. (2020). Form 20-F, fiscal year 2019.

https://www.sec.gov/Archives/edgar/data/1395213/000129281420001461/ednform20f_2019.htm

Edenor S.A. (2023). Form 20-F, fiscal year 2022, cash flow statement (R5).

<https://www.sec.gov/Archives/edgar/data/1395213/000129281423001639/R5.htm>

Edenor S.A. (2025). Form 20-F, fiscal year 2024.

https://www.sec.gov/Archives/edgar/data/1395213/000129281425001581/ednform20f_2024.htm (cash flows: R6.htm)

Edenor S.A. (2026). Form 20-F, fiscal year 2025, cash flow statement (R5).

<https://www.sec.gov/Archives/edgar/data/1395213/000129281426002270/R5.htm>

Edenor S.A. Annual reports filed as Form 6-K: 2008

(https://www.sec.gov/Archives/edgar/data/1395213/000090342309000183/edenor-6kex3_0302.htm), 2010 (.../000090342311000143/edenor6kex3_0314.htm), 2011 (.../000090342312000166/exhibit_1.htm), 2013 (.../000129281414000700/edn20140327_6k.htm), 2014 (.../000129281415000566/edn20150320_6k3.htm), 2016 (.../000129281417000593/edn20170314_6k4.htm), 2017 (.../000129281418000749/annualreport2017-6k.htm), 2018 (.../000129281419001038/ednar2018_6k.htm) and 2019 (.../000129281420000680/edn20200309_6k4.htm).

Edenor S.A. Earnings releases filed as Form 6-K: 4T2020

(https://www.sec.gov/Archives/edgar/data/1395213/000129281421000793/ednpr4q20_6k.htm), 4T2021 (.../000129281422000862/ednpr4q21_6k.htm), 4T2022 (.../000129281423000836/ednpr4q22_6k.htm), fiscal year 2023 (.../000129281424000765/edn20240311_6k1.htm), fiscal year 2024 (.../000129281425000813/edn20250310_6k2.htm) and 4T2025 (.../000129281426000717/ednpr4q25_6k.htm).

Edesur (via Enersis / Enel Américas)

Enersis S.A. (2005). Press release 4Q2004, Form 6-K, table 11 (payments for additions to fixed assets and depreciation by company, 2003–2004).

https://www.sec.gov/Archives/edgar/data/0000912505/000129281405000078/enipr4q04_6k.htm

Enersis S.A. (2010). Enersis announces consolidated results 2009, table 11 (2008–2009).

<https://latibex.com/docs/Documentos/esp/resulta/2010/ENERSIS%20ANNOUNCES%20CONSOLIDATED%20RESULTS%202009.pdf>

Enersis S.A. (2011). Press release 12M10, table 11 (2010).

<https://latibex.com/docs/Documentos/esp/resulta/2011/ENI%20Press%20Release%2012M10.pdf>

Enersis S.A. Análisis Razonado (MD&A) of the consolidated financial statements, December 2011, 2013 and 2015 (payments for property, plant and equipment by company, 2011–2015).

<https://www.enelamericas.com/> (Investors, quarterly results)

Edesur S.A. Annual reports (Memoria y Balance) 2014 and 2015; earnings press release 2016 (investment of 2,075.2, 2,502 and 2,886 million pesos).

<https://www.enel.com.ar/content/dam/enel-ar/edesur/balances/2015/Memoria%20y%20Balance%20Edesur%202015.pdf> ; https://www.enel.com.ar/content/dam/enel-ar/prensa/comunicados/edesur-comunicado-prensa_esp-vf-2016.pdf

Página/12 (15 February 2011). Edesur investment in 2010: 447.8 million pesos.

<https://www.pagina12.com.ar/diario/economia/2-162371-2011-02-15.html>

Banco Central de Reserva del Perú. Exchange rates of the main currencies, period average (soles per unit): Chilean peso (PM05294PA) and Argentine peso (PM05296PA).

<https://estadisticas.bcrp.gob.pe/estadisticas/series/>

Argentina: other agencies and data providers

ENRE (1994–2025). Annual reports 1993 to 2024, chapter on technical quality of distribution service; in particular the 2024 report, charts II-03 to II-06 (semi-annual SAIFI and SAIDI of Edenor and Edesur, semesters 1 to 57), and the 2017 report, charts II-3 to II-6. <https://www.argentina.gob.ar/enre>

ENRE (2020). Semi-annual performance report on Edenor and Edesur, semester 47 (includes historical series).

https://argentina.gob.ar/sites/default/files/informesemestral_edenoredesur_sem47_240820.pdf

ENRE. Service quality: semi-annual reviews of the performance of Edenor and Edesur.

<https://www.argentina.gob.ar/enre/calidad-del-servicio>

INDEC. Wholesale price index (IPIM), series 106.1_I1NG_1993_A_23, 106.3_I1NG_1993_M_23 and 448.1_NIVEL_GENERAL_0_0_13_46. time-series API, <https://apis.datos.gob.ar/series/api/>

NOAA National Centers for Environmental Information. Global Historical Climatology Network – Daily (GHCN-Daily), station ARM00087582 (Buenos Aires Aeroparque), daily mean temperature (TAVG), 1996–2025. <https://www.ncei.noaa.gov/access/services/data/v1?dataset=daily-summaries&stations=ARM00087582&dataTypes=TAVG>

Banco Mundial. World Development Indicators: transmission and distribution losses (EG.ELC.LOSS.ZS), GDP deflator (NY.GDP.DEFL.ZS) and electricity consumption per capita (EG.USE.ELEC.KH.PC). <https://api.worldbank.org/v2/>

Energía&Negocios. Calidad del servicio: el gran desafío del ENRE (2017 tariff-review targets based on the 2000–2003 average). <https://www.energiaynegocios.com.ar/calidad-del-servicio-el-gran-desafio-del-enre/>

Brazil

ANEEL. Economic-financial sustainability indicators of distributors ("Indicadores Base" 2017–2018), processed version in Panaro, R. V., read-aneel. <https://github.com/rvpanaro/read-aneel>

ANEEL. Collective continuity indicators (DEC and FEC), open data. <https://dadosabertos.aneel.gov.br/dataset/d5f0712e-62f6-4736-8dff-9991f10758a7>

CVM. Demonstrações Financeiras Padronizadas (DFP), listed companies, 2010–2026. https://dados.cvm.gov.br/dataset/cia_aberta-doc-dfp

Edesur: conversion of investment from Chilean pesos

Enersis reports Edesur's payments for additions to fixed assets in millions of Chilean pesos (CLP). They are converted to Argentine pesos (ARS) with $ARS \text{ per CLP} = (\text{soles per CLP})/(\text{soles per ARS})$, using the annual averages published by the Central Reserve Bank of Peru. The conversion reproduces the figure reported by Edesur for 2010 (ARS 445.2 million against 447.8 million, Página/12, 15 February 2011). The 2003–2004 figures are under Chilean GAAP and may be expressed in December-2004 Chilean pesos; the resulting difference (at most about 3%) is ignored. From 2014 the Enersis series includes intangibles and exceeds the investment reported by Edesur by 17% on average (2014–2015); this ratio is used to splice 2016.