

Key facts

Company	Enedis SA
Area of operation	Manages about 95% of the electricity distributed in France; manages the largest grid in Europe
Ownership	State-owned
Parent organisation	Électricité de France S.A. (EDF), owned by the French government

Growth in distribution network

	2017	2020	2021	CAGR (%)
Line length (km)	XXX	XXX	XXX	XXX
–MV	XXX	XXX	XXX	XXX
–LV	XXX	XXX	XXX	XXX
No. of substations	783,262	796,148	801,385	0.57

Growth in electricity sales and consumer base

	2017	2020	2021	CAGR (%)
Electricity sales (GWh)	XXX	XXX	XXX	XXX
No. of consumers ('000)	XXX	XXX	XXX	XXX

Distribution line length by type (%)

	Type of line	MV	LV	Total
2017	Overhead bare wire	51.0	9.2	28.9
	Overhead twisted	XXX	XXX	XXX
	Underground cable	XXX	XXX	XXX
2021	Overhead bare wires	XXX	XXX	XXX
	Overhead twisted	XXX	XXX	XXX
	Underground cable	XXX	XXX	XXX

Sales and customer base by category, 2021 (%)

	Electricity sales	Customer base
Residential	43.5	87.0
Professional	XXX	XXX
Agricultural	XXX	XXX
Industrial	XXX	XXX
Tertiary	XXX	XXX
Unallocated sector	XXX	XXX

Operational indicators

	2017	2020	2021
Losses (%)	6.02	6.17	6.39
SAIDI (MV) (minutes)	XXX	XXX	XXX
SAIDI (LV) (minutes)	XXX	XXX	XXX
SAIFI (MV) (no. of outages/customer)	XXX	XXX	XXX
SAIFI (LV) (no. of outages/customer)	XXX	XXX	XXX

Financial indicators

	2017	2020	2021	CAGR (%)
Revenue (EUR million)	XXX	XXX	XXX	XXX
Net profit (EUR million)	XXX	XXX	XXX	XXX
Opex (EUR million) ¹	XXX	XXX	XXX	XXX
Investment (EUR million)	XXX	XXX	XXX	XXX

Planned investments (EUR million)

	2022	2023	2024	Total
Total grid and non-grid investments	XXX	XXX	XXX	XXX

Key focus areas

Medium-and long-term targets

Planned investment and future targets	Plans to invest at least EURXX million/year from 2025 until 2035, with cumulated investments of over EUR60 billion by then; Targets increasing number of customers to over XXX million and electricity supply volume to XXX TWh by 2024.
Network expansion	About 90% of the new lines will be buried, with over 98% of new MV lines being underground.
Linky smart meter	34.26 million meters installed by 2021 at an investment of EURXXX billion investment (2014-21); Average annual expenses associated with Linky project are estimated at EURXXX million up to 2024.
Smart grid	Enedis aims to equip over 25,000 distribution substations with smart objects by 2025. Enedis has developed and launched new source substations on an industrial scale, which will account for 25% of new substations built up to 2035. Further, Enedis is involved in a series of smart grid R&D projects and demonstrators in France and Europe.

Notes: SAIFI data represents average frequency of long unplanned outage per customer; CAGR is calculated for 2017-21 period; NA – not available; 1 – 2021 figure pertains to Enedis' projected opex as per Public Electricity Network Utilization Tariff (TURPE)-6

Source: Enedis; Global Transmission Research