

Content Index SASB

Nella seguente tabella si riportano i principali indicatori richiesti dalla Value Reporting Foundation – Standard SASB in relazione al settore primario di riferimento per Enel: “Electric Utilities & Power Generators Sector”.

La tabella riporta, ove presente, il riferimento all'indicatore del GRI con cui è stata coperta la disclosure richiesta dal SASB, nonché i riferimenti ai capitoli del Bilancio di Sostenibilità 2022.

SECTOR: ELECTRIC UTILITIES & POWER GENERATORS SECTOR

| Tema | Codici | Accounting Metric | Riferimenti | | | | GRI |
|---|--|--|---|--------|--------|----------------|---------|
| | | | 2022 | 2021 | 2020 | Variazione | |
| Greenhouse Gas Emissions & Energy Resource Planning | IF-EU-110a.1 | (1) Gross global Scope 1 emissions (MtCO _{2eq}) | 53,1 | 51,6 | 45,6 | 1,5 | 305-1 |
| | | (2) Percentage covered under emissions-limiting regulations (%)** | 75,8 | 61,5 | 53,0 | 14,3 | |
| | | (3) Percentage covered under emissions-reporting regulations (%) | 100,0 | 100,0 | 100,0 | - | |
| | IF-EU-110a.2 | Greenhouse gas (GHG) emissions associated with power deliveries (Mt) CO _{2-e} *** | 80,5 | 74,7 | 68 | 5,8 | 305-3 |
| | IF-EU-110a.3 | Discussion of long-term and short-term strategy or plan to manage Scope 1 emissions, emissions reduction targets, and an analysis of performance against those targets | Bilancio di Sostenibilità 2022, capitolo “Ambizione emissioni zero” | | | | 201-2 |
| IF-EU-110a.4 | (1) Number of customers served in markets subject to renewable portfolio standards (RPS) | n.a. Normativa USA | | | | | |
| | (2) percentage fulfillment of RPS target by market | | | | | | |
| Air Quality | IF-EU-120a.1 | Air emissions of the following pollutants: | | | | | 305-7 |
| | | (1) NO _x (excluding N ₂ O), (t) | 74.225 | 78.846 | 76.257 | -4.621 | |
| | | (2) SO _x | 16.602 | 15.615 | 20.547 | 987 | |
| | | (3) particulate matter (PM10, relativamente alla produzione termoelettrica) (t) | 1.227 | 1.099 | 1.242 | 128 | |
| | | (4) lead (Pb) | n.d. | n.d. | n.d. | - | |
| | | (5) mercury (Hg da centrali a carbone) (t) | 0,08 | 0,05 | 0,05 | 0,03 | |
| | (6) percentage of each in or near areas of dense population | n.d. | | | | | |
| Water Management | IF-EU-140a.1 | (1) Total water withdrawn (Mm ³) | 76,0 | 73,1 | 69,1 | 2,9 | 303-3 a |
| | | (2) total water consumed (Mm ³) | 45,2 | 43,8 | 37,9 | 1,4 | 303-5 a |
| | | 3) percentage of each in regions with High or Extremely High Baseline Water Stress**** (%) | 19,3 | 23,0 | 19,5 | -3,7 | 303-3 |
| | | | 20,6 | 24,0 | 21,9 | -3,5 | 303-5 |
| | IF-EU-140a.2 | Number of incidents of non-compliance associated with water quantity and/or quality permits, standards, and regulations | 5 | 9 | n.d. | -4 | 303-4 d |
| IF-EU-140a.3 | Description of water management risks and discussion of strategies and practices to mitigate those risks | Bilancio di Sostenibilità 2022, capitolo “Conservazione del capitale naturale” | | | | 303-1 303-2 | |
| Coal Ash Management | IF-EU-150a.1 | 1) Amount of coal combustion residuals (CCR) generated (Mt) | 1,18 | 0,79 | 0,78 | 0,39 | 306-3 |
| | | 2) percentage recycled (%) | 82,0 | 70,0 | 71,0 | 12,0 | 306-4 |
| | IF-EU-150a.2 | Total number of coal combustion residual (CCR) impoundments, broken down by hazard potential classification and structural integrity assessment | n.a. Metodologia EPA non applicabile | | | | |

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| Tema | Codici | Accounting Metric | Riferimenti | | | | GRI |
|---------------------------------------|---|--|--|-----------|-----------|--|--------------------|
| | | | 2022 | 2021 | 2020 | Variazione | |
| Energy Affordability | IF-EU-240a.1 | Average electric rate for customers (R) | | n.a. | | | |
| | IF-EU-240a.2 | Typical monthly electric bill for residential customers for (1) 500 kWh and (2) 1,000 kWh of electricity delivered per month | Fasce di consumi non rappresentativi per i consumi europei | | | | |
| | IF-EU-240a.3 | 1) Number of residential customer electric disconnections for non-payment (u)***** | 3,709,777 | 2,373,491 | 1,330,504 | 1,336,286 | EU27 |
| | | 2) percentage reconnected within 30 days | 91,9 | n.d. | n.d. | - | |
| IF-EU-240a.4 | Discussion of impact of external factors on customer affordability of electricity, including the economic conditions of the service territory | Bilancio di Sostenibilità 2022, capitolo "Elettrificazione pulita" | | | | DMA EU (former EU7) DMA EU (former EU23) 3-3 102-43 102-44 | |
| Workforce Health & Safety | IF-EU-320a.1 | (1) Total recordable incident rate (TRIR), | 0,52 | 2,86 | 3,243 | -2,34 | |
| | | (2) fatality rate | - | 0,024 | 0,008 | -0,024 | 403-9 |
| | | (3) near miss frequency rate (NMFR) | 4,887 | 4,286 | 4,918 | 0,601 | |
| End-Use Efficiency & Demand | F-EU-420a.1 | Percentage of electric utility revenues from rate structures that (1) are decoupled and (2) contain a lost revenue adjustment mechanism (LRAM) | n.a. Regolamentato da normativa USA | | | | |
| | F-EU-420a.2 | Percentage of electric load served by smart grid technology***** | 70,3 | 70,4 | n.d. | -0,1 | |
| | F-EU-420a.3 | Customer electricity savings from efficiency measures, by market (megawatt hours) | n.d. Disponibile a partire dalla rendicontazione 2023 | | | | |
| Nuclear Safety & Emergency Management | IF-EU-540a.1 | (1) Total number of nuclear power units that are owned and/or operated | 4 | 4 | 4 | - | |
| | | (2) Total number of nuclear power units, broken down by U.S. Nuclear Regulatory Commission (NRC) Action Matrix Column | n.a. Regolamentato da normativa USA | | | | |
| | IF-EU-540a.2 | Description of efforts to manage nuclear safety and emergency preparedness | Bilancio di Sostenibilità 2022, capitolo "Salute e sicurezza sul lavoro" | | | | DMA EU former EU21 |
| Grid Resiliency | F-EU-550a.1 | Number of incidents of non-compliance with physical and/or cybersecurity standards or regulations | - | | 15 | 0 | EU29 |
| | IF-EU-550a.2 | (1) System Average Interruption Duration Index (SAIDI), | 230,7 | 243,3 | n.d. | -12,6 | |
| | | (2) System Average Interruption Frequency Index (SAIFI) | 2,6 | 2,8 | n.d. | -0,2 | EU28 |
| | | (3) Customer Average Interruption Duration Index (CAIDI), inclusive of major event days | 89 | n.d. | n.d. | - | |

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|------|-------------|---|-------------|------------|---------------|------------|-----|
| | | | 2022 | 2021 | 2020 | Variazione | |
| | IF-EU-000.A | Number of: (1) residential, (2) commercial, and (3) industrial customers served | 66.784.895 | 69.342.818 | 69.517.932 | -2.557.923 | EU3 |
| | | Total electricity delivered to: (1) residential | 113.533 | n.d. | n.d. | - | |
| | | Total electricity delivered to: (2) industrial and commercial | 158.932 | n.d. | n.d. | - | |
| | IF-EU-000.B | Total electricity delivered to: (4) all other retail customers, | n.d. | n.d. | n.d. | - | |
| | | Total electricity delivered to: (5) wholesale customers | n.d. | n.d. | n.d. | - | |
| | IF-EU-000.C | Length of transmission and distribution lines (km) | 2.024.038 | 2.233.368 | 2.232.022 | -209.330 | EU4 |
| | | (1) Total electricity generated (GW) | 227.767 | 222.605 | 207.108 | 5.161,59 | |
| | | (2) Percentage by major energy source - coal | 8,7 | n.d. | n.d. | - | |
| | | (2) Percentage by major energy source - oil | 2,2 | n.d. | n.d. | - | |
| | | (2) Percentage by major energy source - gas | 4,2 | n.d. | n.d. | - | |
| | | (2) Percentage by major energy source - nuclear | 11,6 | n.d. | n.d. | - | |
| | IF-EU-000.D | (2) Percentage by major energy source - hydro | 22,7 | n.d. | n.d. | - | EU2 |
| | | (2) Percentage by major energy source - solar | 5,0 | n.d. | n.d. | - | |
| | | (2) Percentage by major energy source - wind | 19,0 | n.d. | n.d. | - | |
| | | (2) Percentage by major energy source - geothermal | 2,7 | n.d. | n.d. | - | |
| | | (2) Percentage by major energy source - biomass | - | n.d. | n.d. | - | |
| | | (3) percentage in regulated markets | n.d. | n.d. | n.d. | - | |
| | IF-EU-000.E | Total wholesale electricity purchased***** (MWh) | 84.659.900 | 70.934.310 | 47.506.376,44 | 13.725.590 | |

Legenda

n.a.: non applicabile

n.d.: non disponibile

* Unaudited per gli indicatori non corrispondenti con i GRI Standard.

** Il valore del 2022 comprende anche le emissioni di CO₂ degli impianti termoelettrici in Cile poiché sono oggetto del sistema fiscale verde (*Sistema de Impuestos Verdes*).

*** Il valore considera le emissioni dirette dalla produzione di elettricità negli impianti di proprietà e anche le emissioni indirette dall'acquisto di elettricità e vendita al cliente finale.

**** Nelle aree water stressed sono stati inclusi anche gli impianti situati in aree classificate dal WRI come "aride".

***** Per il dettaglio completo si veda il capitolo "Elettrificazione pulita" - "Sustainability Statement".

***** Dato disponibile a partire dalla rendicontazione 2021. Il valore è calcolato come: totale di energia fatturata con smart meter sul totale di energia fatturata.

***** Il valore considera l'energia elettrica all'ingrosso acquistata dalla Business Line Global Trading.