

Total number and total surface area of our own operational sites:

- SUBSTATIONS

Redeia's company	Number of substations	Total surface area (ha) ¹
Red Eléctrica de España S.A.U.	711	1,054
Red Eléctrica Andina S.A.	15	26
Red Eléctrica Chile SpA	2	6
Total	728	1,086

- LINES²

Redeia's company	Kilometers of lines	Total surface area (ha) ³
Red Eléctrica de España S.A.U.	31,930.68	119,146
Red Eléctrica Andina S.A.	1,691.19	4,218
Red Eléctrica Chile SpA	483,1	2,899
Total	34,104.97	126,263

- TOTAL FACILITIES (SUBSTATIONS+LINES)

Total surface area (ha)
127,349

¹ For substations, the area of the fence is considered.

² Terrestrial (overhead and underground lines) and submarine (submarine cables).

³ The area occupied by the lines has been calculated assuming an occupation of 20 metres on each side of overhead lines (40 metres wide), 1 metre on each side of each underground line (2 metres wide) and 0.5 metres (1 metre wide) in the case of submarine cables.

Presence of facilities in protected spaces:

Redeia's company	Substations total surface area (ha)	Surface area of substations in protected area (ha)	% Surface area of substations in protected spaces
Red Eléctrica de España S.A.U.	1,054	51.49 ⁴	4.9%
Red Eléctrica Andina S.A.	26	-	0%
Red Eléctrica Chile SpA	6	-	0%
Total	1,086	51.49	4.7%

Redeia's company	Lines total surface area (ha)	Surface area of lines in protected area (ha) ⁵	% Surface area of lines in protected spaces
Red Eléctrica de España S.A.U.	119,146	18,494 ⁶	15.5%
Red Eléctrica Andina S.A.	4,218	156 ⁷	3.7%
Red Eléctrica Chile SpA	2,899	138	4.8%
Total	126,263	18,788	14.9%

Surface area of facilities in protected area (ha)
18,839.49

Facilities Surface area in protected area / Total facilities Surface area (%)
14.8%

⁴ 40 substations located in Nature Network 2000.

⁵ The most updated database published by MITERD (Spain) is used to calculate the indicators. The mapping of facilities in service is improved and updated annually, which may result in some variations in the calculations that are not related to the increase or decrease of facilities.

⁶ In Red Eléctrica, Red Natura (Natura 2000 Network) includes: SCI (Site of Community Importance) and SPA (Specially Protected Areas for birds).

⁷ In Red Eléctrica Andina, protected areas according to legislation: National Reserve and buffer zone.

Total surface area of facilities in protected areas⁸ / total protected surface area of the country (%):

Country	Surface area of facilities in protected areas / total protected surface area (%)
Spain	0.083%
Peru	0.026%
Chile	0.00074%

⁸ Total protected surface area (km²): 223.688,76 (Spain); 6.100,64 (Peru); 186.201 (Chile). Includes the surface area of all the substations and lines.

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