



AXIS	CATEGORY	EU TAXONOMY ALIGNMENT FOR THE YEAR 2024
Energy Efficiency	Resilience of electricity distribution Infrastructure	The project is linked to the taxonomic activity 4.9 (CCM), totally aligned ⁶ in 2024
Short Description		
Investments to reduce networks energy losses		

3. Energy efficiency in the electricity distribution networks' management



Acea is deeply focused and committed to the improvement of Rome and Formello electricity distribution networks, both managed by Areti, which, among others, qualify the whole Group as the second ranked national operator in terms of points of delivery. The company has planned voltage

change interventions as well as interventions to substitute medium voltage/low voltage transformers with components aimed at reducing losses which will eventually contribute to the diminishing of the technical energy losses on the electric network. Energy efficiency interventions will reduce electricity consumption required to manage processes, resulting in savings which can be converted in both TOE and avoided CO₂ emissions.

PROJECT STATUS: ongoing, but the proceeds from Green Bond on this project have been fully allocated.

LOCATION: Latium, Italy

Green Bond Allocation

ALLOCATION			
TOTAL FINANCED AMOUNT (€ MILLION)	2022	2023	2024
7.75	5.00	2.75	-

Environmental performance indicators

KPI	UoM	2020	2021	2022	2023	2024
Saved electricity/ Distributed electricity	MWh/ MWh	1,770/ 9,070,469	1,127/ 9,206,108	744/ 9,408,392	514*/ 9,195,590	630/ 9,369,020
Avoided emissions**	tCO ₂	637	406	268	185	227
TOE saved	TOE	331	211	139	96	117.8

* The total MWh of energy savings in 2023, and the related data, have been revised to align with the scope applied in previous years.

** Avoided emissions calculation is carried out with the 2019 location-based conversion factor (base year of intervention planning). The figures are obtained by multiplying yearly saved MWh with the Terna 2019 national mix conversion factor. For the sake of transparency, the 2020, 2021, 2022 and 2023 avoided emissions datapoint, calculated based on the Terna 2020 and invariated for the years 2021-2023 location-based conversion factors, are equal to 595 tCO₂, 355 tCO₂, 234 tCO₂ and 162 tCO₂; for the year 2024, avoided emissions are calculated considering the ISPRA 2024 location-based emission factor and are equal to 35,7 tCO₂.

⁶ The taxonomic activity 4.9 (CCM) presents a minimum misalignment linked to the residual presence of transformers with PCBs (in 2024 only 56 transformers out of a total of 12,996 which are currently in the process of being decommissioned); the misalignment is not related to Capex and therefore, for the purposes of the Green Bond Allocation, is considered totally aligned.