

TERNA FIRST COMPANY IN ITALY TO OBTAIN INTERNATIONAL CERTIFICATION ISO 55001:2014 “ASSET MANAGEMENT” ON POWER LINES AND ELECTRICAL SUBSTATIONS

The attestation for the management of power lines and electrical substations confirms Terna's attention to transparency, sustainability and the efficiency of the system, for the benefit of citizens and businesses

Terna manages in Italy more than 72 thousand km of lines and 871 electrical substations: the new Strategic Plan provides for € 600 million of investments in digitalisation for an even more secure and innovative grid

Rome, 6 July 2018 – Terna is the first company in Italy to obtain the certification for its Asset Management System, for property, plant and equipment¹, that is power lines and electrical substations, according to the new international standard ISO 55001:2014 “Asset Management” which defines the requirements for an optimal management of Assets. The company that manages the national transmission grid has accepted on a voluntary basis the standard entitled “Asset management - Management systems - Requirements”, transposed in Italy in 2015 as UNI ISO 55001:2015, the standard of reference at the global level for management of a company's infrastructures.

Certification of the ISO 55001:2014 standard guarantees the effectiveness and efficiency of the process of maintenance and renewal of power lines and electrical substations that are part of the national transmission grid during their entire lifecycle and the achievement of high levels of sustainable performance. An integral part of the asset management system is predictive maintenance which, from surveys of the status of the single components, makes it possible to define accurately the technical condition of the infrastructures, identifying in a targeted manner the work to be done. This permit, consequently, an optimisation of the costs and a reduction in the related environmental and social risks.

The new certification is added to the accreditations already obtained by Terna in past years (ISO 37001:2016 for corruption prevention systems, UNI EN ISO 9001:2015 for quality management, UNI EN ISO 14001:2004 for management of the environment, BS OHSAS 18001:2007 for workplace health and safety management, ISO IEC 27001:2013 for management of the Information Security Management System, UNI CEI EN ISO 50001:2012 for Energy Management,

¹ (Source: *Accredia* data bank)

ISO/IEC 17025:2005 for management of the multi-site LST laboratory and the multi-site Calibration Centre) and confirms the responsible commitment and great attention to security, transparency, sustainability and efficiency of the company that manages more than 72 thousand km of high-voltage power lines, 871 electrical substations and 781 electricity transformers distributed all over Italy, employing every day 350 qualified companies in the 200 construction sites open from North to South, where more than 100 infrastructural works are being built.

Since 2005 Terna has invested more than € 10 billion for the development and modernisation of the national electricity transmission grid, an enormous economic commitment that the company has decided to tackle with an integrated management model aimed always at the innovation of infrastructures, introducing new sensors and digital systems for remote control and diagnostics of the power lines and electrical substations. Digitalisation, in fact, is one of the drivers of Terna's new Strategic Plan which provides for a total of € 5.3 billion of investments to 2022. Of these, approximately € 600 million will be devoted precisely to developing innovative solutions to tackle the growing complexity of the electricity system: investing in digitalisation is fundamental for managing in a safe, efficient and reliable way the electricity flows on the grid, given also the need to offset the variability of demand and, above all, generation from intermittent renewable sources. These investments will enable the company to have, by the end of 2022, an even more innovative and secure grid, covered for approximately 80% by digitally-monitored substations.

This certification represents further confirmation of the high performance obtained by Terna in relation to the international ITOMS (related to electricity utilities on asset maintenance) and ITAMS (related to electricity utilities on asset management).