



San salvador distributed energy systems

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In recent years, AES El Salvador has intensified its efforts to modernize the country's electrical infrastructure by implementing advanced technologies and innovative solutions that improve energy efficiency and reduce service interruptions.

To meet the growing demand for electricity in one of the most densely populated areas of the country, AES CAESS has invested more than US \$1 million in a power grid interconnection project. This initiative aims to ensure the security and continuity of energy supply to more than seven thousand customers in San Salvador.

AES emphasizes that this investment in electrical infrastructure not only guarantees a more reliable service, but also strengthens its electrical distribution network in the area thanks to the installation of this new infrastructure.

The interconnection project included the installation and modification of more than 19 kilometers of distribution lines, 210 poles and the remodeling of three substations: "El Volc?n", "San Antonio Abad" and "Nuevo Cuscatl?n".

Daniel Bernardez, AES El Salvador's VP of Operations, highlighted that this project aligns with the company's investment plan, saying, "We are constantly modernizing our electricity distribution networks to improve the service we provide. We have a commitment to the country's development; therefore, in 2024 we have projected an investment of more than US \$41 million in projects to improve and expand the distribution network and another US \$17 million in digitalization, technology, and automation of our entire operation."

Interconnections play a crucial role in the integration of the national electricity system, driving economic and social development. For this reason, AES works closely with other institutions in the electricity sector to strengthen the Salvadoran electricity system and accelerate the future of energy.

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Recently, AES El Salvador was granted by the Australian company NOJA Power and its local representative REIMSA, for being a pioneer in building and operating the first 100% smart grid in Central America. This award shows the AES"commitment to promote innovation in the Salvadoran electricity sector, for the benefit of its customers.

"We congratulate AES El Salvador for successfully implementing its new Smart Grid project, which is very important for the reliability of electricity in El Salvador", saidNeil O"Sullivan, Director of NOJA Power.



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AES El Salvador highlighted that during the next few years, through its facilities, it will allocate US\$ 3.3 million in the development and operation of 12 new smart grid projects in different parts of the country.

"We are applying state-of-the-art technology in the energy distribution network to provide our customers with a reliable electric service and allow them to make better use of energy. We hope to continue expanding coverage with this type of technology in more areas of the country and continue accelerating the future of energy in El Salvador", said Daniel Bernardez, Operations VP of AES El Salvador.

The REIMSA Director, Carlos Herrera, highlighted: "The construction and operation of the first smart grid in Central America by AES El Salvador, as part of a larger plan of modernization and automation of its networks, clearly shows a strategic conception of advanced and remarkable excellence in the quality of its engineering, which will produce a great benefit to its customers and a greater prestige than this thriving company already has".

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