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Peruvian PV and energy storage policy



Overview

Peru's Strategic Plan of National Development 2050 emphasizes intensifying natural gas use for energy security and transition, promoting electric mobility, expanding solar distributed generation, and leveraging biomass and geothermal energy for circular economy initiatives in remote areas. What are the energy policy objectives of Peru?

The same happened with Bill 6953 of 2021, which was not approved by the Commission of Energy and Mines of the Congress of Peru, as analyzed before. For this reason, energy policy objectives should aim, on the one hand, at recovering the State's capacity to decide the structure of our energy matrix in the long term.

What is the development of solar PV energy in Peru?

Finally, Figure 21 shows the development over time of the installed capacity in MW of solar PV energy in Peru. Figure 21. Evolution (years) of the solar photovoltaic installed capacity (MW) in Peru. Figure 21 shows that the first stage of solar PV energy in the country began in 2012, with strong growth from 2012 to 2023.

Can solar energy be used in Peru?

Potentialities and Limitations of Solar Photovoltaic (PV) Energy in Peru Solar PV energy advances on a large scale have already been carried out in Peru, as they are environmentally friendly and an attractive option to apply in different geographical locations with solar resource potentialities.

How many solar photovoltaic projects are planned in Peru?

Table 17 shows that there is a total of 33 solar photovoltaic facility projects planned to be executed in Peru between 2024 and 2028. Furthermore, it is possible to see that the projects are in the northern zone (Piura) and southern zone (Ica, Tacna, Moquegua, Puno and Arequipa) of Peru.

What are the energy transition policies in Peru?

In 2008, Peru implemented important energy transition policies measures, in particular the creation of the Ministry of the Environment and the enactment of Legislative Decree 1002 (Gobierno del Gobierno del Perú, 2008), which aimed to promote the use of RER, establishing guidelines to define contribution percentages of RER in electricity generation.

How can Peru fulfill its commitments in environmental matters?

For Peru to fulfill its commitments in environmental matters, it is necessary to implement an updated legal framework and new policies that allow to renew the momentum to advance in the energy transition.

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