

Colombia best way to store energy

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Colombia is redoubling efforts to include renewable energy in its power supply mix. This has meant moving away from its dependence on hydroelectricity, which has been made unreliable due to shifting climate patterns. Law No. 1715 was passed in May 2014, creating a foundation for the adoption of these technologies by regulating integration of

Atlas Renewable Energy is a pioneer in integrating batteries to store energy. The company aims to reach 1 GW of operational capacity in Colombia by 2028 with a combination of solar and wind energy and, innovatively, battery storage.

Colombian Minister of Mines and Energy Andr?s Camacho Morales talks to The Energy Year about how the government is advancing Colombia's energy transition, the mechanisms put in place for encouraging investment in clean energy and the continuing strategic importance of natural gas and minerals.

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The Colombian government has set a goal of achieving carbon neutrality by 2050. To achieve this, thermoelectric plants will play a crucial role in the transition, supporting the intermittency of solar and wind energy, and ensuring the stability of energy supply, especially in times of drought.

Enel has unveiled the first battery energy storage in Colombia at the Termostiza thermal power plant about 40km north of Bogotá. The 7MW/3.9MWh storage system, constructed over 20 months at a cost of more than \$5.7 million, will store energy and release it to the National Interconnected System when required to meet the demand, thereby deferring ...

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