Energy storage companies uruguay

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Uruguay"s rate of electricity generation from renewables (98%) is among the highest in the world. The diversification of the renewable energy sector has been very beneficial for the Country to reduce the energy dependency from foreign countries, to lower costs of electricity and to reduce greenhouse gas emissions.

Uruguay was the first country of the Akuo"s geographical diversification back in 2007: already at that time, Akuo was deeply convinced by the transformation strength in this country.

Akuo structured its local Uruguayan subsidiary in 2008, focusing on the development, construction and operation of new projects in mainly wind, solar and lithium storage energy sectors.

Since then, Akuo Uruguay is part of the Country transformation of the energy matrix from petroleum-based electricity generation to renewable sources: we have developed, built and we now operate three windfarms composed of 50 machines with a maximum tip height of 175 meters for a total install capacity of 142MW, located in Florida and Lavalleja departments.

These wind farms were amongst the first and the largest to be built in Uruguay, making Akuo one of the main renewable players locally. Managed by the local team from development to operation, these plants have allowed the acquisition of permanent expertise within the staff and provided a strong credibility on which we capitalize to seize new opportunities and sell third party services. Blade platform rental, blade and tower inspection with specialized cameras, substations maintenance, technical audits ... all count amongst the operation and maintenance services we provide.

Our Uruguayan team is exemplary in many ways. Not only does it have the highest female-male gender ratio of our group (6 to 4) and an excellent command of our group languages, it has also acquired along the years advanced skills in development, asset management, corporate finance, M& A transactions and new countries opening, amongst others. In addition to developing local opportunities, the team also supports other Latam countries, thereby creating a transversal and international working environment with multiple career opportunities.

La collecte et le traitement de vos donn?es ont pour finalit? la gestion de votre demande de contact. Pour davantage d"information concernant le traitement de vos donn?es et concernant vos droits, vous pouvez consulter notre Politique de confidentialit? du site internet.

El almacenamiento de energ?a tiene un rol clave en la transici?n energ?tica, hacia un sistema que permita mayores proporciones de fuentes renovables no gestionables dentro de la matriz, descarbonizar el sector de transporte y acelerar la electrificaci?n en puntos aislados de la red.

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Uruguay se destaca en la actualidad a nivel mundial como uno de los pa?ses con mayor proporci?n de energ?a el?ctrica producida a partir de energ?a e?lica. Sin embargo, las renovables no convencionales que provienen del sol y del viento y por lo tanto son variables.

Por ejemplo, la generaci?n solar tiene un pico de producci?n sobre el mediod?a y luego decae hasta el atardecer momentos antes de que la demanda alcance su m?ximo. Una soluci?n a este desacoplamiento entre oferta y demanda lo constituye el almacenamiento de energ?a.

Una forma de hacerlo es mediante embalses hidroel?ctricos que almacenan energ?a en el agua. Este es un sistema muy usado en Uruguay sobre todo en el embalse de Rinc?n del Bonete, que puede acumular el equivalente a unos 150 d?as de su capacidad de producci?n de energ?a.

Seg?n un informe de la consultora SEG Ingenier?a, una forma complementaria y m?s moderna son los sistemas de almacenamiento de energ?a con bater?as o BESS (Battery Energy Storage System), que se pueden instalar en puntos de la red el?ctrica o en las instalaciones de los consumidores de energ?a.

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