## SOLAR PRO

## **Intelligent energy limited Costa Rica**

CINDE | Costa Rica Confirms Energy Storage Project ... To capture solar energy, the Proquinal Costa Rica headquarters in Coyol de Alajuela, installed a covered parking lot with 690 solar panels - an efficient use of space. The captured energy is subsequently stored in an ...

Costa Rica"s ultimate goal, 100% carbon neutrality by the end of 2020, will be accomplished by increasing the number of electric vehicles on its roads and developing its geothermal energy resources further.

The companies Proquinal - a member of the Spradling Group - and Swissol, accompanied by government authorities, inaugurated the largest and most innovative project in storage of alternative energy in Costa Rica, which will reduce the pressure on public electricity generation and also contribute to the strategy of carbon neutrality for the ...

In development since 2019 under the ATI funded H2GEAR programme, Intelligent Energy's IE-FLIGHT(TM) fuel cell systems offers class-leading current and power densities within an optimised packaging, building an effective foundation for ...

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Intelligent Energy is a fuel cell engineering business built on 30 years of PEM fuel cell development. It is focused on the development and commercialisation of its PEM fuel cell technologies for a range of markets including automotive, stationary power and UAVs.

As the first demonstration project of BESS in Costa Rica, it aims to replace traditional electric power with renewable energy and establish a clean, low-carbon, safe and efficient modern energy system.

It is made up of solar panels, inverters, storage batteries and intelligent energy control platforms, which can even manage other electrical assets such as emergency plants, ice banks, load ...

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Intelligent Energy provides a unique solution to extend flight times of UAVs with its IE-SOAR(TM) 2.4kW



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module. UAV flight times of up to 120 minutes are possible with our state of the art lightweight fuel cell power modules. Key benefits of our modules: longer flight time, less downtime, increased productivity

Located on an industrial equipment retail facility in San Jose, Costa Rica, the project utilizes CleanSpark"s patented mPulse controller to coordinate all aspects of the system and improve overall performance. The microgrid will consist of a 222-kW PV solar system, and a Tesla 111-kW/223kWh Powerpack provided by CleanSpark.

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