Hospital energy storage panama city

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US renewable energy firm, Greenwood Energy, will build and operate a 1 MW photovoltaic system at the Chiriqui Hospital in Panama’s second largest city, David. According to Greenwood’s CEO, Camilo Patrignani, this project will improve power reliability while also cutting utility costs at the hospital.

The PV system will be built on a 30 year power purchase agreement and will provide net-metered power to the hospital. An initial 500 KW system will be installed on the hospital’s roof and carport. The remaining 500KW will be installed at other locations at a later date.

Greenwood Energy today announced it will develop and operate a distributed generation solar photovoltaic (PV) power system with up to one megawatt (MW) capacity at the Hospital Chiriqui in David, Panama.

The project is located on hospital grounds in the municipality of Chirqui, and will primarily provide net-metered power to the 27-year old private hospital. The first phase totaling approximately 500-kilowatt (kW) capacity will be split between rooftop and carport solar installations and will feature an innovative 30-year power purchase lease. A second phase will add up to an additional 500kW capacity with specific allocations to be determined.

"Distributed solar PV projects can dramatically improve power reliability for critical infrastructure while cutting power costs, especially when combined with energy storage," said Camilo Patrignani, CEO of Greenwood Energy. "We"re focused on providing distributed generation to customers in Panama and across Central America to help individual commercial customers realize solar"s potential and allow renewable energy to compete with retail electricity generation on cost."

The Chiriqui Hospital project adds to Greenwood"s expanding solar portfolio across Latin America. In 2014 the company constructed Panama"s first utility-scale solar installation, completed a 40MW solar project in Chile"s Atacama Region, and announced it would develop new commercial rooftop projects across the region.

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High energy usage and costs in healthcare can impede mission-critical goals. Trane is your guide for integrating turnkey building solutions to help manage budgets and energy conservation, address aging or outdated infrastructure and reduce your carbon footprint.

The U.S. The Environmental Protection Agency (EPA) estimates that every dollar saved on energy is equivalent to $20 in new revenue for hospitals and $10 in new revenue for medical offices.

By combining our expertise in infrastructure and energy conservation with your goals, we can create mission-aligned programs that help reduce operational costs, improve sustainability and enhance patient experiences.

The facilities of the Hospital del Ni?o, built in 1950 and located on the waterfront of Panama City, were outdated and required modernization to meet the latest patient care standards and technologies. Redevelopment and expansion of the buildings were necessary to transform them into modern facilities.

A joint venture of Ayesa and Pinearq was contracted by the Ministry of Health to design a new hospital in Panama City, which will include the New Children’s Hospital, Santo Tom?s Maternity Hospital, and a Research and Development building.

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