Hospital energy storage cyprus

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Nicosia General Hospital, the largest healthcare facility in Cyprus, has made a significant investment in solar power. Since the summer of 2024, the hospital has installed over 2,000 solar panels, with a capacity of 1.3 MWp. This system is expected to meet 10% of the hospital"s energy needs, leading to annual savings of approximately EUR300,000.

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Following the success at Nicosia General Hospital, the SHSO plans to invest in solar installations at all national hospitals within the next two to three years. "Cyprus, blessed with abundant sunshine, is ideally positioned to harness solar energy," Kypros emphasises. "The average Cypriot understands the potential of solar energy," he adds, underscoring the importance of public support for the country"s energy transition.

In a bid to embrace environmental sustainability and renewable energy, the State Health Services Organization (OKYpY) is embarking on a new era with the construction of a Photovoltaic Park at the Nicosia General Hospital, Cyprus.

Being the largest and only tertiary hospital in the country, this initiative marks a significant step towards reducing the hospital’s environmental footprint while ensuring the provision of high-level health services.

OKYpY has awarded a contract to Trikkis Energy Ltd for the creation of the Photovoltaic Park, which will be situated in the parking area west of the Nicosia General Hospital. With a capacity of 1.3 MWp and a total cost of EUR1.8 million + VAT, the park will harness solar energy to contribute to the protection of the environment. The innovative design of the photovoltaic panels will also provide shading to the parked vehicles, adding to the park’s functionality.

Aligned with the organization’s environmental policy and commitment to implementing sustainable projects, the Photovoltaic Park is part of the Recovery and Resilience Plan.

The project is expected to be completed within the next 8 months, with the Contractor taking responsibility for its maintenance for a period of 24 months upon completion.

By embracing renewable energy sources and modernizing its infrastructure, Nicosia General Hospital is taking a crucial step towards upgrading healthcare facilities and ensuring better patient services. This forward-thinking initiative showcases the hospital’s dedication to a greener and more sustainable

future while maintaining its primary focus on providing top-notch healthcare services to the community.

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SREC Workshop 18.01.2021 -Mapping of the Cyprus energy storage potential. Implications in the penetration of renewables and the operational mode of the conventional units

SREC Workshop 18.01.2021- IRENA_ESVF_Cyprus - How to design a regulatory framework for electricity storage using open-source modeling tools the IRENA Electricity Storage Valuation Framework and its implementation

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