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QCIL signs solar power pacts with AMPIN and Radiance for multi-state hospital network

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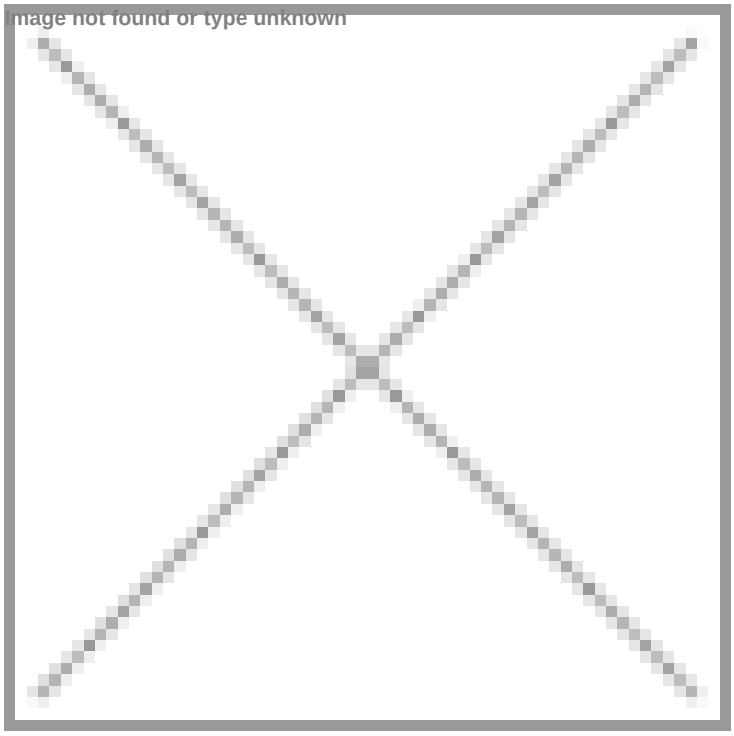
Rollout begins across Odisha, Chhattisgarh, Maharashtra



Quality Care India Ltd. (QCIL) has announced the signing of agreements with AMPIN Energy and Radiance Renewables under its Group Captive Solar Initiative. The agreements will enable procurement of renewable solar power for five facilities across Odisha, Chhattisgarh and Maharashtra, marking the first phase of the Group's structured transition towards sustainable energy.

The initiative is part of QCIL's broader plan to transition 19 hospitals under CARE Hospitals and KIMS Health to renewable energy in a phased manner. Phase I spans Odisha, Chhattisgarh and Maharashtra, followed by Andhra Pradesh and Tamil Nadu in Phase II, Kerala in Phase III, and Madhya Pradesh and Telangana in Phase IV.

The phased rollout is designed to ensure operational continuity while scaling renewable adoption across high-dependency healthcare assets.

Hospitals operate in a continuous, high-dependency environment where energy reliability is critical to patient care delivery. In this context, the shift towards renewable energy is both a strategic and operational priority, supporting cost optimisation, energy security, and environmental responsibility.

QCIL is targeting a total renewable capacity of approximately 30 MW across its network, with Phase I accounting for around 6 MWp. Over the long term, the group aims to meet nearly 80% of its total energy consumption through renewable sources, supported by a hybrid model combining solar with wind and battery energy storage systems (BESS).

From an environmental perspective, Phase I is expected to reduce carbon emissions by approximately 8,000 tonnes annually, with the full rollout projected to offset nearly 40,000 tonnes per year across all facilities.

The projects are being implemented under the group captive model, combining long-term renewable power procurement with equity participation. This structure enables QCIL to secure reliable, cost-effective clean energy while ensuring regulatory alignment and long-term supply stability.

AMPIN Energy will service QCIL's facilities in Odisha and Chhattisgarh, while Radiance Renewables will execute the Maharashtra projects. Both partners bring established capabilities in delivering renewable energy solutions for large-scale, continuous-load infrastructure.

This initiative marks the first phase of QCIL's broader plan to expand renewable energy integration across its network of hospitals. The signing marks the commencement of QCIL's renewable energy transition, with further phases under evaluation to expand adoption across its hospital network.