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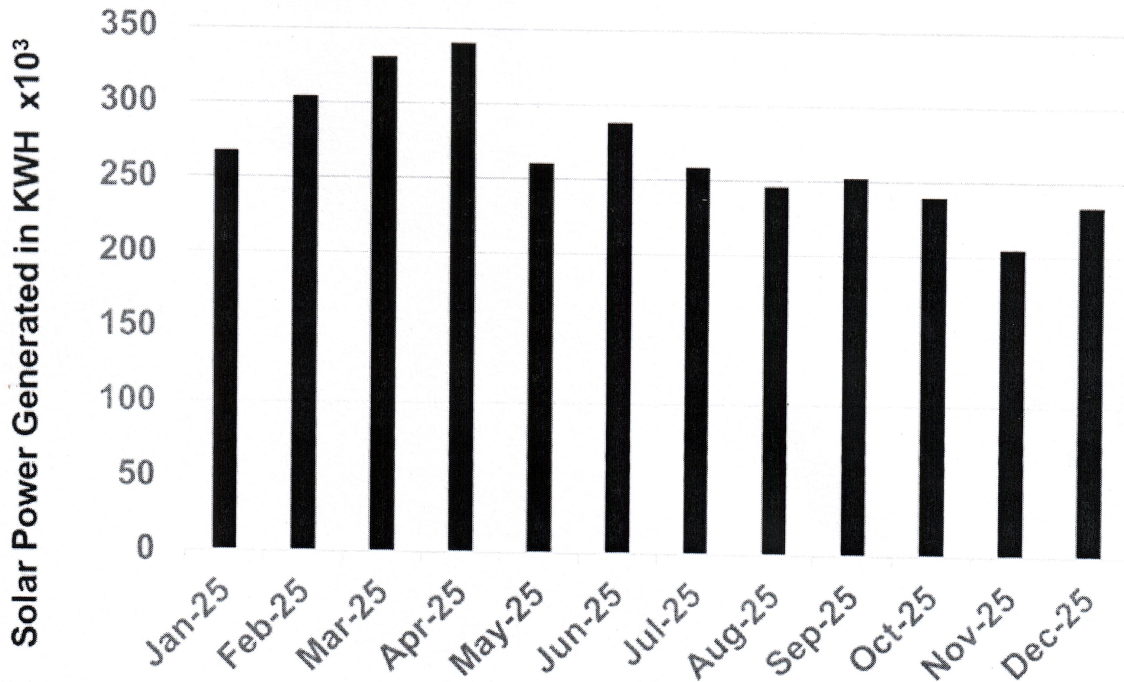


**Department of Green Energy Technology**  
**Madanjeet School of Green Energy**  
**Technologies**  
**Pondicherry University, Kalapet**  
**Puducherry - 605 014**

PU/GET/SDG-7/Solar Power Generated /08

7-04-2026

The Solar Power generated at Pondicherry University Main Campus for Jan 2025 to Dec 2025 from the installed capacity of ~3 MWh solar power plant.



Solar Power Produced is **3226210 KWH**

**Remarks:**

The installed solar power is one of the largest affordable green energy generation systems in a governmental educational institution in India.

<https://www.youtube.com/watch?v=ucXI5iGB7YA>

The solar plant helps offset an average of **2613 tons** of carbon emissions annually.

Thank you.

Yours faithfully

R. Arun Prasath



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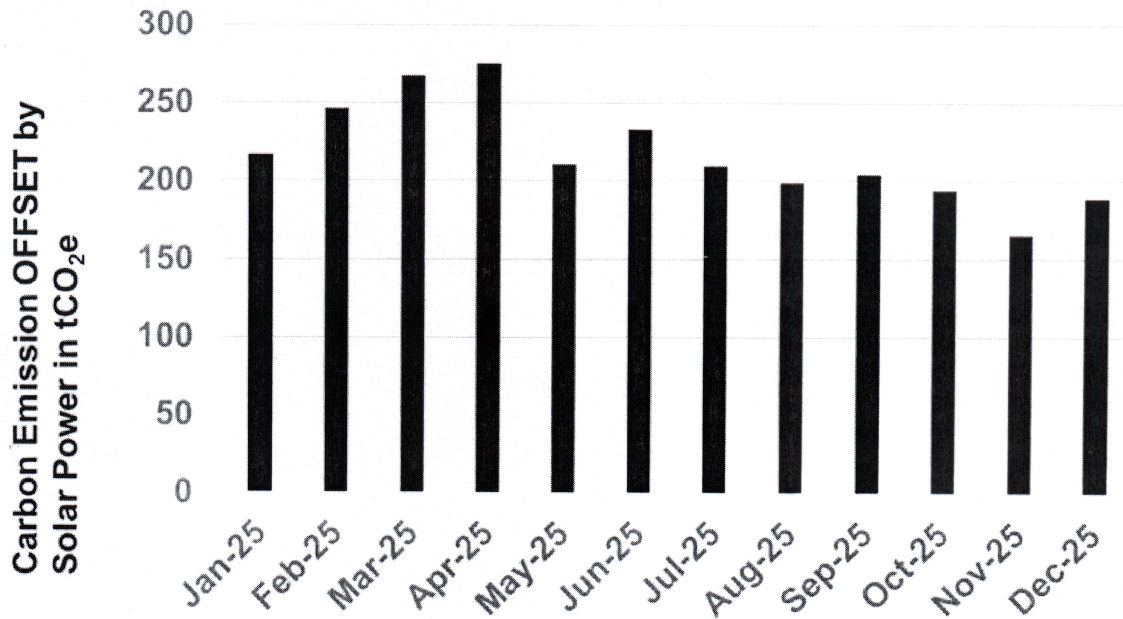


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PU/GET/SDG-7/Solar Power CO<sub>2</sub>e offset/Scope2/ 08

7-04-2026

**Scope 2:** tCO<sub>2</sub>e OFFSET through the Solar Power production at Pondicherry University Main Campus for Jan 2025 to Dec 2025 from the installed ~3 MWh solar power plant



Pondicherry University has installed nearly ~3 MWp rooftop/ground solar power plants -one of the largest affordable and clean energy generation in a governmental educational institution in India, and has been in operation since September 2021. The current installed solar plant helps **offset an average of 2613 tons of carbon emissions** in 2025. The Solar power plant policy, effective from 2021 onwards, is extended for the next 20 years. The university has taken several steps to renovate the old building with energy-efficient lights (LED), inverter cooling systems, centralized cooling systems, rooftop solar PV, rooftop rainwater harvesting, solar water heating systems, etc. Solar photovoltaic power generation systems installed on existing rooftop buildings at Pondicherry University are a significant achievement. The installed solar power plants have reached 80% of the sanctioned demand. The maximum generation of solar energy is between 8.00 AM and 4.00 PM; most of the solar-generated power is utilized during peak working hours. In general, Pondicherry University achieved net zero during solar energy production. The Government of Puducherry could enhance its commitment to renewable energy by approving 100% generation from solar power and other renewable technologies. In response, Pondicherry University has the potential to expand its solar power installations and integrate additional renewable energy sources, such as wind and biogas, thereby aiming to achieve net-zero emissions by 2035 ( <https://www.pondiuni.edu.in/wp-content/uploads/2025/11/UNESCO-PondicherryUniversityRoadmaptoNetZeroCarbonby2035.pdf> )

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