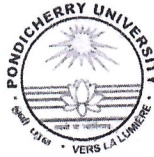


**Professor R. ARUN PRASATH**  
**Head of the Department**  
Email: raprasath@pondiuni.ac.in  
head.get@pondiuni.ac.in  
Office: +91-413-2654 606/431  
Mobile: +91-9487769611

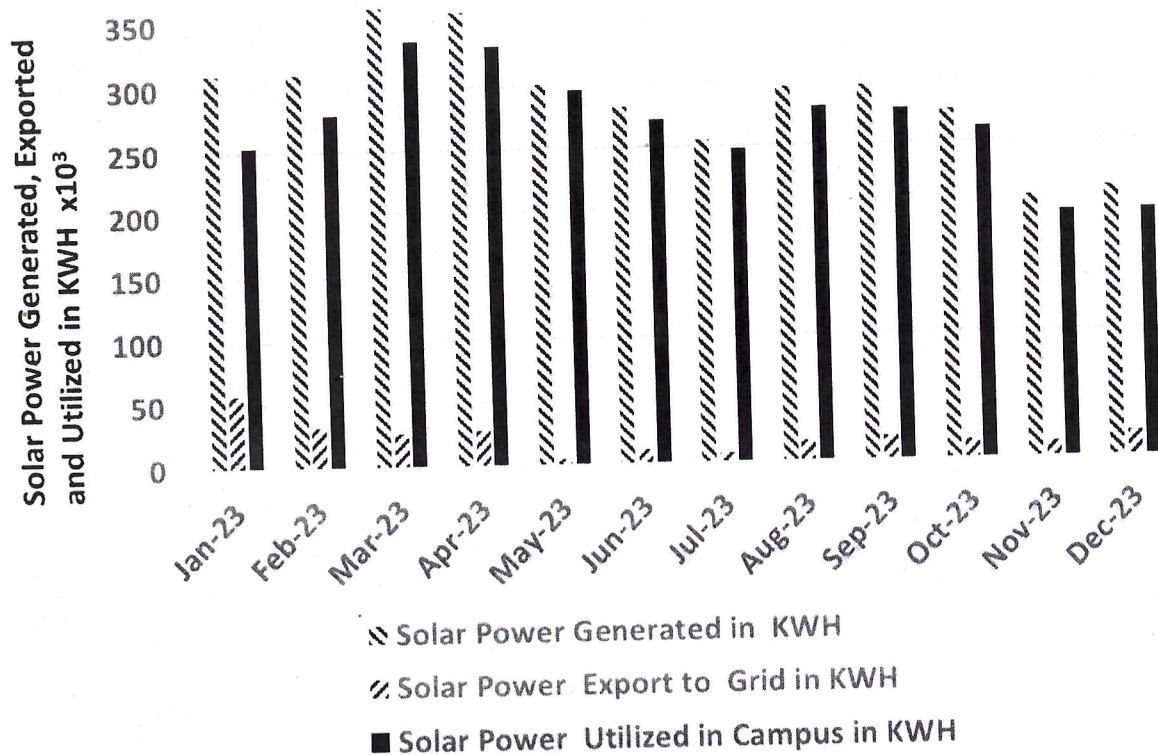


**Department of Green Energy Technology**  
**Madanjeet School of Green Energy**  
**Technologies**  
**Pondicherry University, Kalapet**  
**Puducherry - 605 014**

**PU/GET/AP/Solar Power Generated, Exported and Utilized/**

**04-04-2024**

The Solar Power generated, exported and utilized at Pondicherry University Main Campus for Jan 2023 to Dec 2023 from the installed capacity of 2.4 MWh solar power plant.



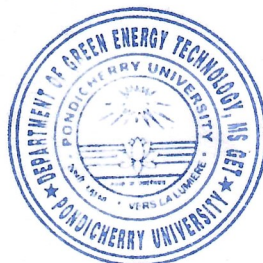
Solar Power Produced is 3469148 KWH  
Solar Power Utilized in the Campus = 3223988 KWH (93% utilized)  
Solar Power Export to Grid = 245160 KWH (7% exported)

**Remarks:**

The installed solar power is one of the largest affordable green and clean energy generations in an educational institution in India.  
<https://www.youtube.com/watch?v=ucXI5iGB7YA>

The solar plant helps offset 2810 tons of carbon emission annually on average.

Thanking you,



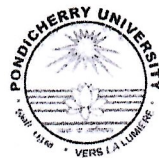
Yours faithfully

**R. Arun Prasath**  
Professor & Head  
Department of Green Energy Technology  
Madanjeet School of Green Energy Technologies  
Pondicherry University, Puducherry-605 014.



R. Arun Prasath

**Professor R. ARUN PRASATH**  
**Head of the Department**  
Email: raprasath@pondiuni.ac.in  
head.get@pondiuni.ac.in  
Office: +91-413-2654 606/431  
Mobile: +91-9487769611

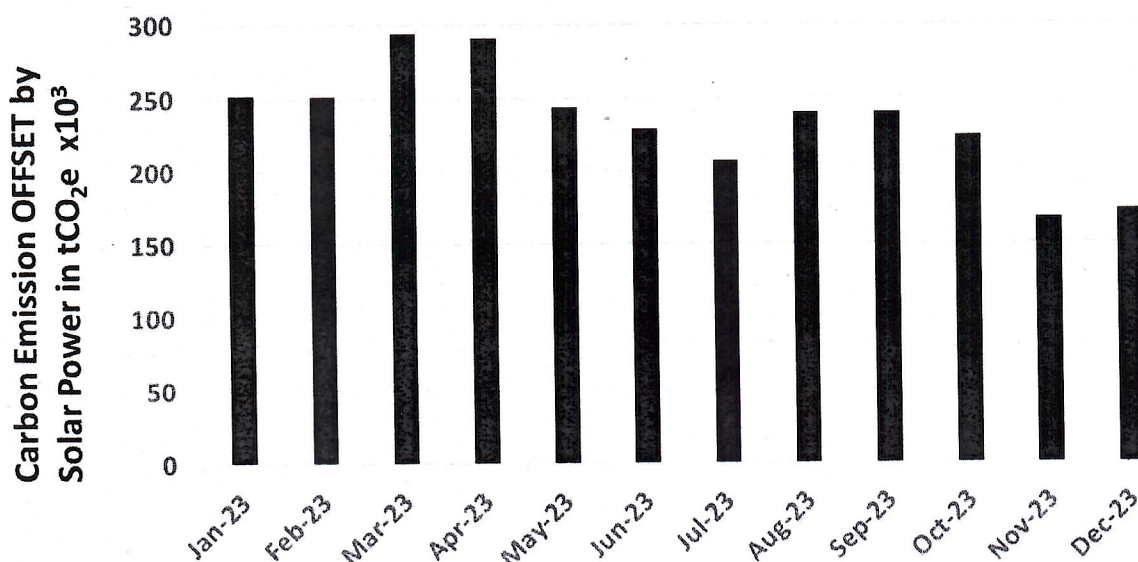


**Department of Green Energy Technology**  
**Madanjeet School of Green Energy**  
**Technologies**  
**Pondicherry University, Kalapet**  
**Puducherry - 605 014**

**PU/GET/AP/Solar Power CO<sub>2</sub>e offset/Scope2/**

**04-04-2024**

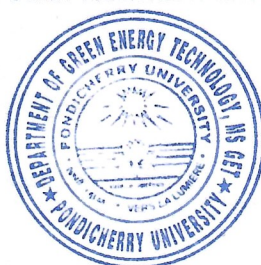
**Scope 2:** CO<sub>2</sub>e OFFSET through the Solar Power production at Pondicherry University Main Campus for Jan 2023 to Dec 2023 from the installed 2.4 MWh solar power plant



Pondicherry University has installed a 2.4 MWp rooftop/ground solar power plant -one of the largest affordable and clean energy generation in an educational institution in India. Vice President M. Venkaiah Naidu inaugurated the same at Pondicherry University on 13th September 2021. The current installed solar plant helps **offset an average of 2810 tons of carbon emission** annually. The Solar power plant policy will last for 25 years from 2021 onwards. 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 in existing rooftop buildings are a significant achievement at Pondicherry University.

As per the Govt of Puducherry electricity dept policy, solar energy generation could be a maximum of 80% of sanctioned demand. The installed solar power plants have reached 80% of the sanction demand. The maximum generation of solar energy is between 8.00 AM to 4.00 PM, the most of the solar-generated power is utilized during peak working hours. In general, Pondicherry University achieved net zero during solar energy production. Suppose the Government of Puducherry approves 100% generation from solar power and other renewable energy technology. Pondicherry University can install more solar power plants and other renewable-energy technologies (wind and bio-gas) to achieve net-zero by 2030.

Thanking you,



Yours faithfully

**Dr. R. Arun Prasath**  
Professor & Head  
Department of Green Energy Technology  
Madanjeet School of Green Energy Technologies  
Pondicherry University, Puducherry-605 014.





**Professor R. ARUN PRASATH**  
**Head of the Department**  
Email: raprasath@pondiuni.ac.in  
head.get@pondiuni.ac.in  
Office: +91-413-2654 606/431  
Mobile: +91-9487769611

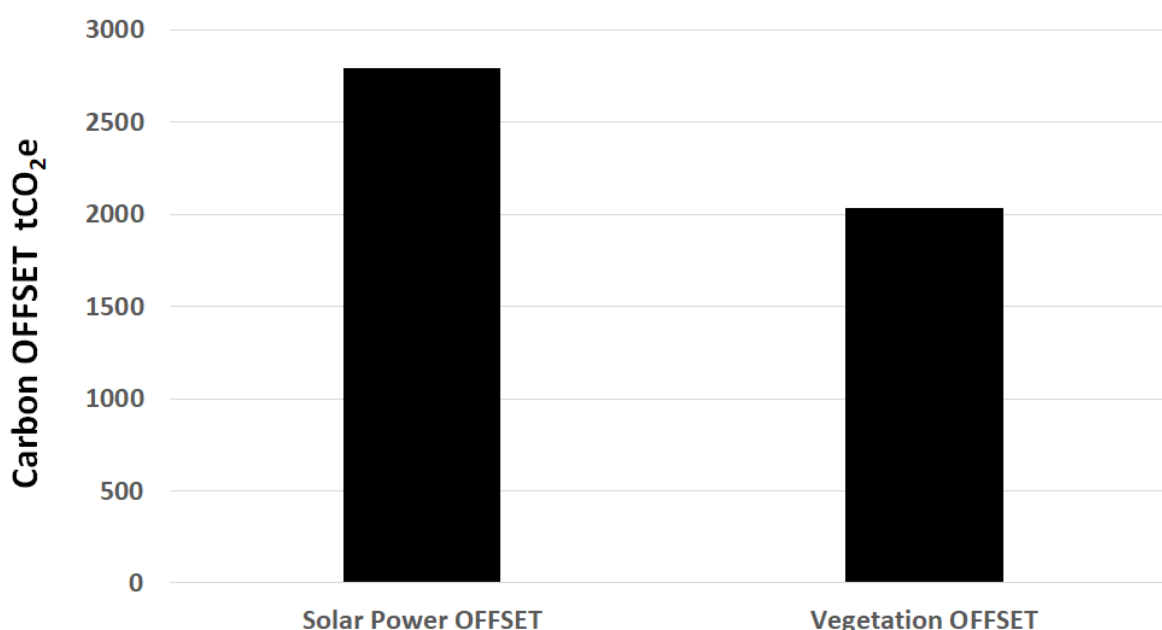


**Department of Green Energy Technology**  
**Madanjeet School of Green Energy**  
**Technologies**  
**Pondicherry University, Kalapet**  
**Puducherry - 605 014**

**PU/GET/AP/Carbon OFFSET at PU/Scope1&3/**

**04-04-2024**

**Scope 2 & 3 Carbon OFFSET:** The 2.4 MWh Solar Power Plant at Pondicherry University- Main Campus offset 2810 tonnes of carbon emission and the 185 hectares of vegetation cover at Pondicherry University offset 2035 tonnes of carbon emission for Jan 2023 to Dec 2023.



The installed solar power plant with the capacity of 2.4MW offsets 2810 tCO<sub>2</sub>e emissions and the 185 hectares of woody vegetation inside the campus offsets 2035 tCO<sub>2</sub>e. A total of 4845 tonnes of carbon offset has been achieved, nearly 82% of scope 1 and 2 carbon emissions. By implementing several possible carbon offset techniques, Pondicherry University can attain a net zero carbon campus before 2030.

Thanking you



Yours faithfully

R. Arun Prasath



Dr. R. ARUN PRASATH  
Professor & Head  
Department of Green Energy Technology  
Madanjeet School of Green Energy Technologies  
Pondicherry University, Puducherry-605 014.



PONDICHERRY  
UNIVERSITY



**PONDICHERRY UNIVERSITY**

**Solar Power Plant**

Inaugurated by

**Shri M.VENKAIAH NAIDU**

Hon'ble Vice President of India &  
Chancellor of Pondicherry University

on

**Monday the 13th September 2021**

In the presence of

**Dr. TAMILISAI SOUNDARARAJAN**

Hon'ble Lt. Governor of Puducherry &  
Chief Rector of Pondicherry University

**Shri N.RANGASAMY**

Hon'ble Chief Minister of Puducherry

**Prof. GURMEET SINGH**

Vice - Chancellor, Pondicherry University

**Dr.B.CHITHRA**

Registrar(i/c)

Global

Germany

Spain

France

USA

Mexico

Latin America

Australia

India

China

pv magazine



Subscriptions

[News](#) ▾ [Features](#) ▾ [Events](#) ▾ [Awards](#) [Print archive](#) [pv magazine test](#) [About](#) ▾ [Advertise](#)

## Pondicherry University gets a 2.4 MW solar plant

The rooftop solar plant, commissioned by Amp Energy India, will supply about 40% of the university's energy requirement and help offset around 2,900 tons of carbon emissions every year.

SEPTEMBER 16, 2021 **UMA GUPTA**

COMMERCIAL &amp; INDUSTRIAL PV

ROOFTOP SOLAR

PUDUCHERRY



Solar plant at Pondicherry University

*Amp Energy India*

### Newsletter

By subscribing to our newsletter you'll be eligible for a 10% discount on magazine subscriptions!

Email \*

Select Edition(s) \*

Hold Ctrl or Cmd to select multiple editions.

India (English, daily)

Global (English, daily)

Germany (German, daily)

U.S. (English, daily)

Australia (English, daily)

[Read our Data Protection Policy.](#)

Submit

Subscribe to our global magazine



# Vice President Inaugurates Solar Power Plant At Pondicherry University



By India Education Diary ... — On Sep 13, 2021

Share



New Delhi: The Vice President, Shri M. Venkaiah Naidu today called upon states to promote the setting up of manufacturing plants for solar PV cells and modules to accelerate their production in India.

Observing that India still relies heavily on imported components such as solar cells and modules, he stressed the importance of 'Atma Nirbharta' in solar energy through active participation of the states. He also called for encouraging small players in the industry in this regard.

Noting that India's potential for growth in the renewable energy sector over the next few years, Shri Naidu said that the lack of a trained force is a bottleneck in our exponential growth in the sector. He suggested investing in training and upskilling the workforce in adopting the latest technologies and cited the instance of the scheme of 'Surya Mitras'.

Inaugurating a 2.4 Megawatt capacity solar power plant at Pondicherry University in the Union Territory of Puducherry, he expressed his concern over climate change and its impact. Shri Naidu emphasised that green energies such as solar, wind and small hydro offer a viable alternative to meet our growing energy needs.

Observing that India was fast becoming a global leader in 'energy transition', he noted that with over 40 Gigawatts of installed solar capacity, India is ranked fifth globally in solar power capacity.





### He asks varsities to take up research on renewable energy

Vice-President Venkaiah Naidu on Monday said green energies offered a viable alternative to meet the growing needs of the country while being sustainable in the long run.

Dedicating to the nation the 2.4 MW rooftop solar power plant commissioned in Pondicherry University, Mr. Naidu said that solar energy in particular had shown the most promise in recent years. This preference for solar plants and solar energy among institutions and people was a very good and welcome sign.

Referring to the Inter-governmental Panel on Climate Change (IPCC) report, he said it cautioned about the rise in global temperature exceeding 1.5 degrees celsius. "Climate change is not a futuristic phenomenon and we are already experiencing it. The next few years are going to be very crucial for our collective action to mitigate climate change," he said.

Noting that India was endowed with vast solar potential, the Vice-President said the National Institute of Solar Energy (NISE) had assessed the country's solar potential to be about 748 GW, assuming 3% of the wasteland area to be covered by solar PV modules. This was a great opportunity waiting to be explored to provide reliable electricity to our remote areas, to reduce carbon emissions and to achieve energy security.

**Professor R. ARUN PRASATH**  
**Head of the Department**  
Email: raprasath@pondiuni.ac.in  
head.get@pondiuni.ac.in  
Office: +91-413-2654 606/431  
Mobile: +91-9487769611

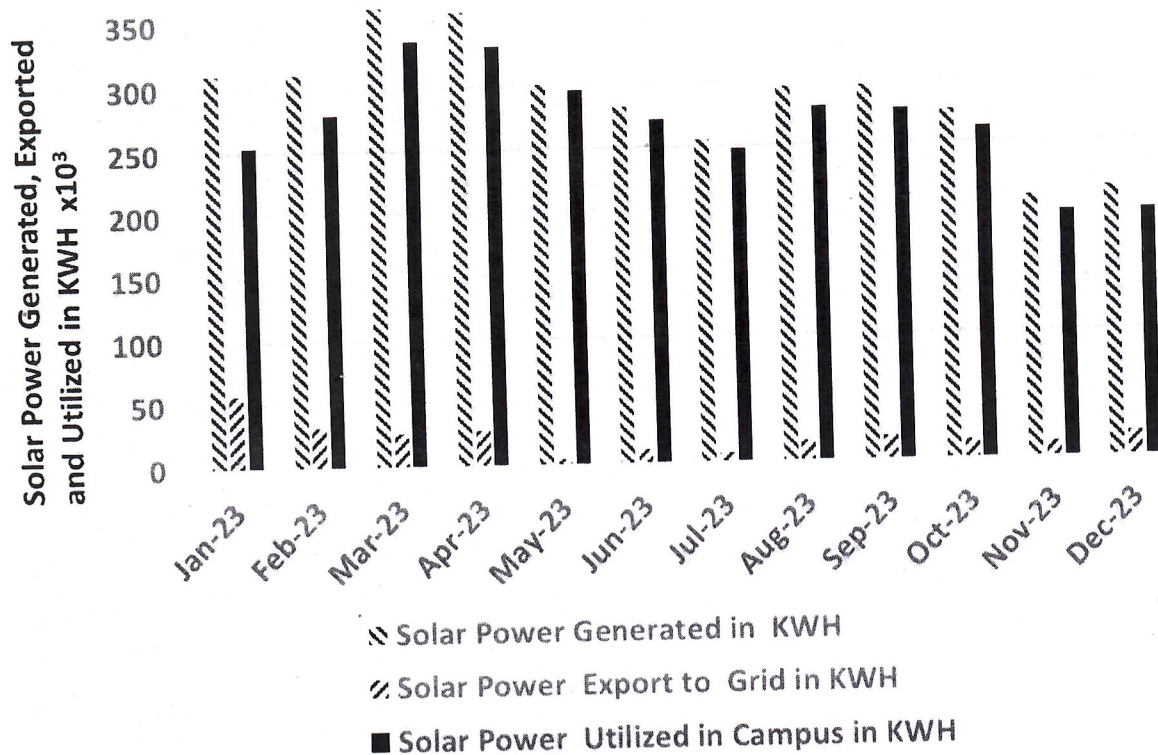


**Department of Green Energy Technology**  
**Madanjeet School of Green Energy**  
**Technologies**  
**Pondicherry University, Kalapet**  
**Puducherry - 605 014**

**PU/GET/AP/Solar Power Generated, Exported and Utilized/**

**04-04-2024**

The Solar Power generated, exported and utilized at Pondicherry University Main Campus for Jan 2023 to Dec 2023 from the installed capacity of 2.4 MWh solar power plant.



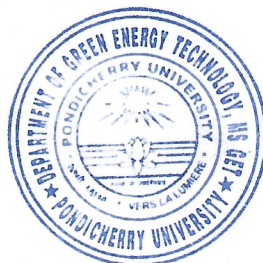
Solar Power Produced is 3469148 KWH  
Solar Power Utilized in the Campus = 3223988 KWH (93% utilized)  
Solar Power Export to Grid = 245160 KWH (7% exported)

**Remarks:**

The installed solar power is one of the largest affordable green and clean energy generations in an educational institution in India.  
<https://www.youtube.com/watch?v=ucXI5iGB7YA>

The solar plant helps offset 2810 tons of carbon emission annually on average.

Thanking you,



Yours faithfully

**R. Arun Prasath**  
Professor & Head  
Department of Green Energy Technology  
Madanjeet School of Green Energy Technologies  
Pondicherry University, Puducherry-605 014.

