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

PU/GET/AP/Scope1/

27-03-2025

Annual diesel consumption at Pondicherry University-Main Campus for generating power through diesel genset for the academic year January 2024- December 2024 is **14400 liters.**

Scope 1: Total Carbon emission in tCO₂e for January 2024- December 2024 (1 year) = **41 Tonnes of CO₂e**

Note: Diesel genset power is operational only with total power cut from the grid.

Thanking you,

Yours faithfully

R. Arun Prasath



Dr. R. ARUN PRASATH
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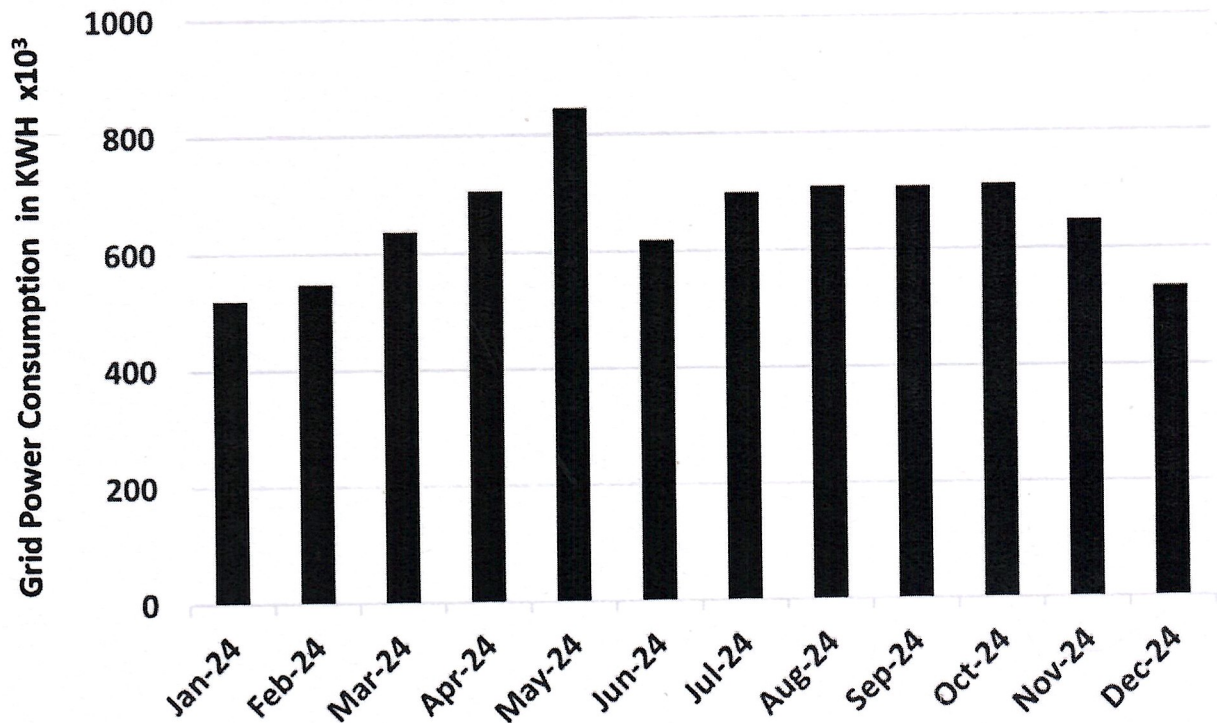


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PU/GET/AP/Scope2/

27-03-2025

Annual energy consumed at Pondicherry University-Main Campus from the main grid for the academic year Jan 2024- Dec 2024



Total Energy Consumption in KWH for Jan 2024 - Dec 2024(1 year) = **7866060 KWH**

Thanking you

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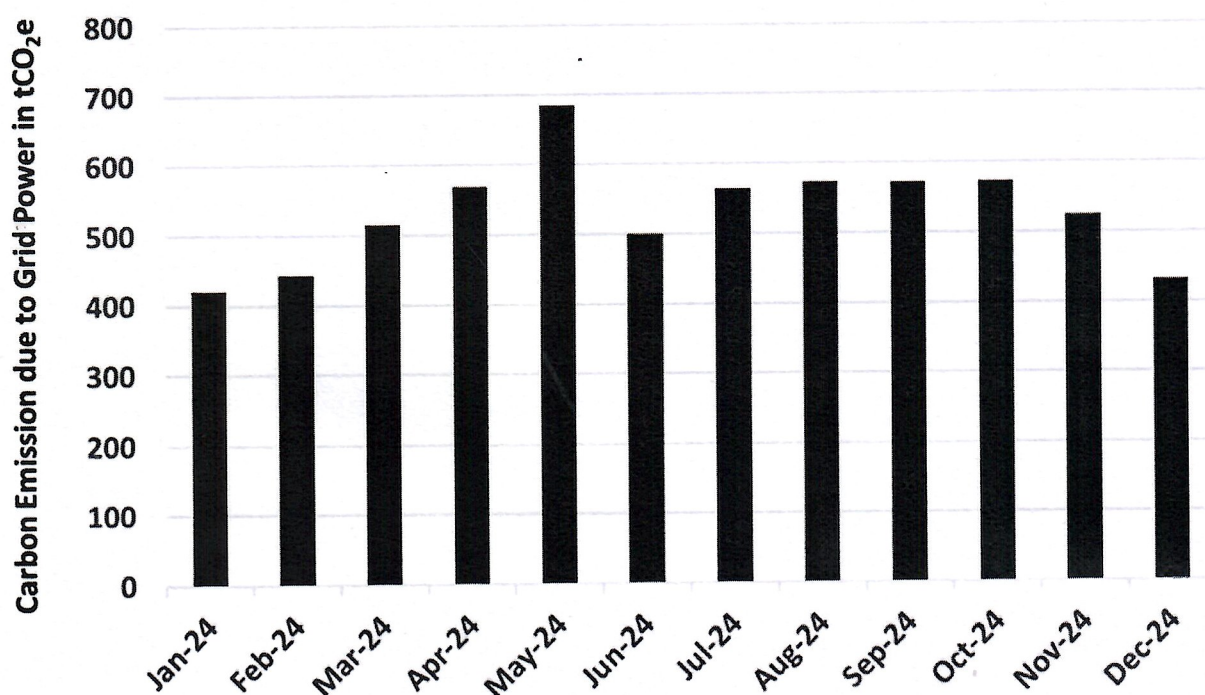


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PU/GET/AP/Scope2/

27-03-2025

Scope 2: Carbon emission due to the energy consumed via the Grid at Pondicherry University Main Campus for the year Jan 2024- Dec 2024. [Calculation as per Mistry of Power, Govt of India Central Electricity Authority (CEA)]



Scope 2: Total Carbon emission in tCO₂e for Jan 2024 – Dec 2024 (1 year) = ~ **6372 Tonnes of CO₂e**

Thanking you

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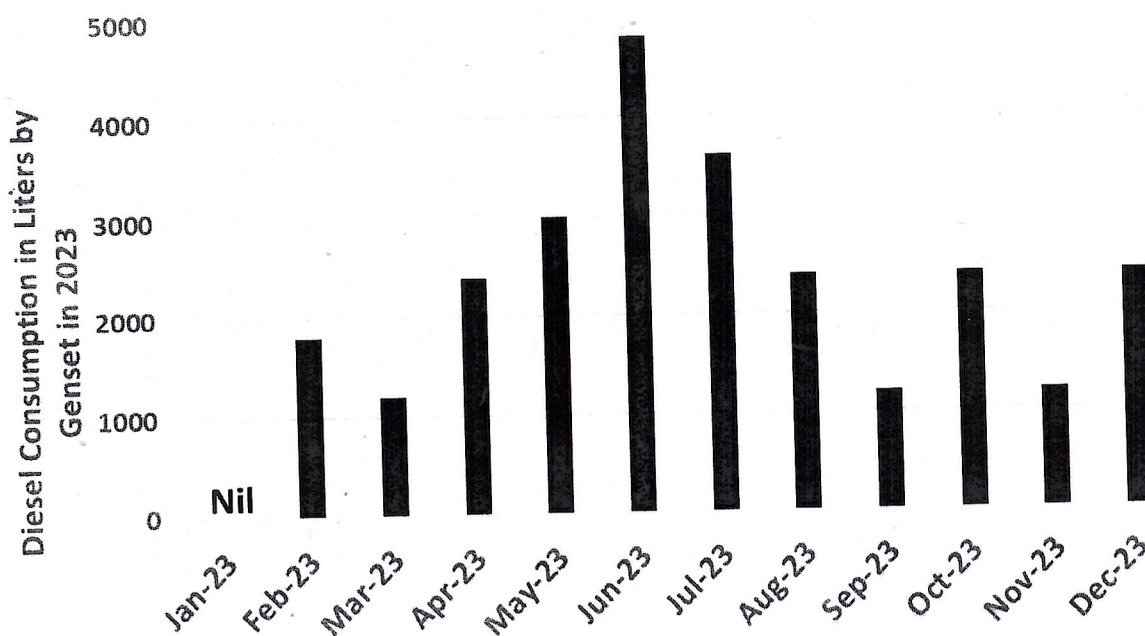


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PU/GET/AP/Scope1/

04-04-2023

Annual diesel consumption at Pondicherry University-Main Campus for generating power through diesel genset for the academic year January 2023- December 2023



Total litres of diesel consumption for June 2022-July 2023 (1 year) = 26400 Litres

Note: Diesel genset power is operational only with power-cut from the grid.

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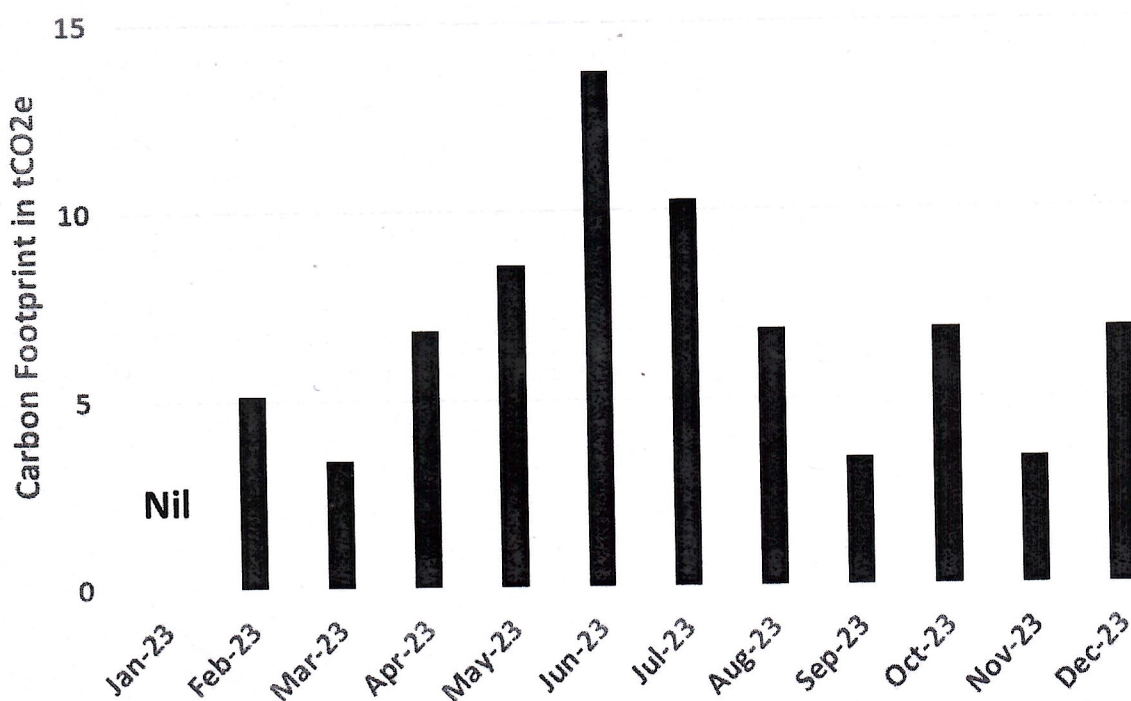


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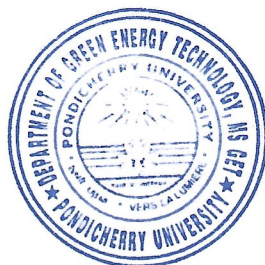
04-04-2023

Scope 1: Carbon emission due to energy generated by via diesel genset in Pondicherry University Main Campus for the academic year Jan 2023- Dec 2023.



Scope 1: Total Carbon emission in t CO₂e for June 2022-July 2023 (1 year) = 75.24 Tonnes of CO₂e

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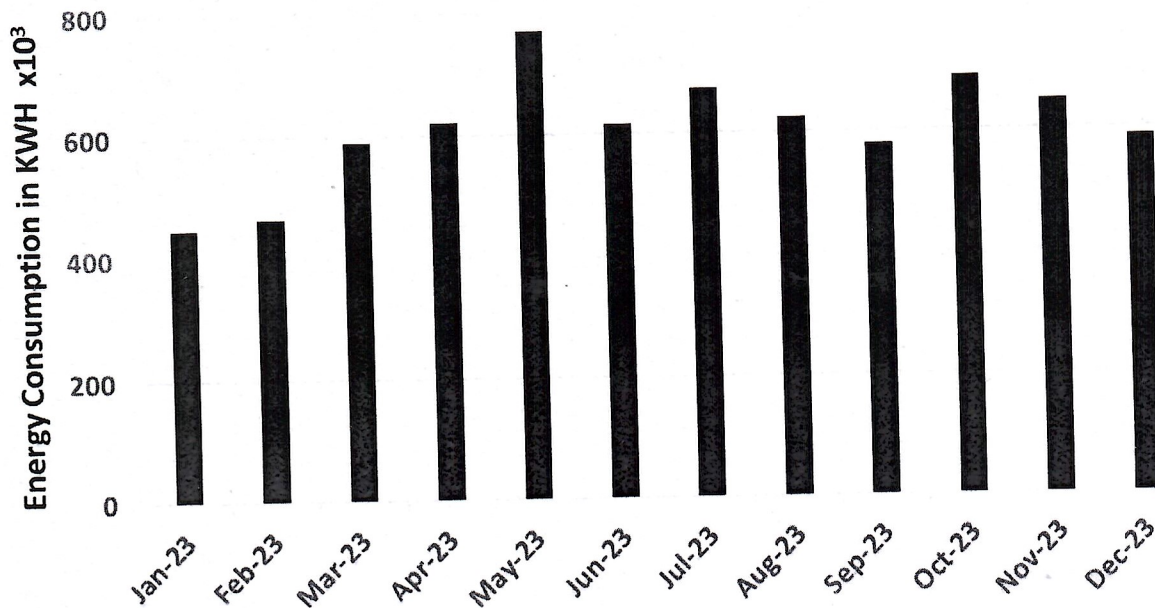


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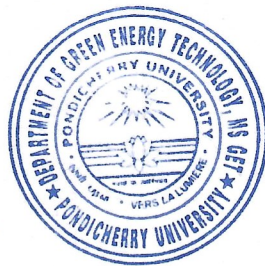
04-04-2023

Annual energy consumed at Pondicherry University-Main Campus from the main grid for the academic year Jan 2023- Dec 2023



Total Energy Consumption in KWH for Jan 2023 - Dec 2023 (1 year) = **7298520 KWH**

Thanking you



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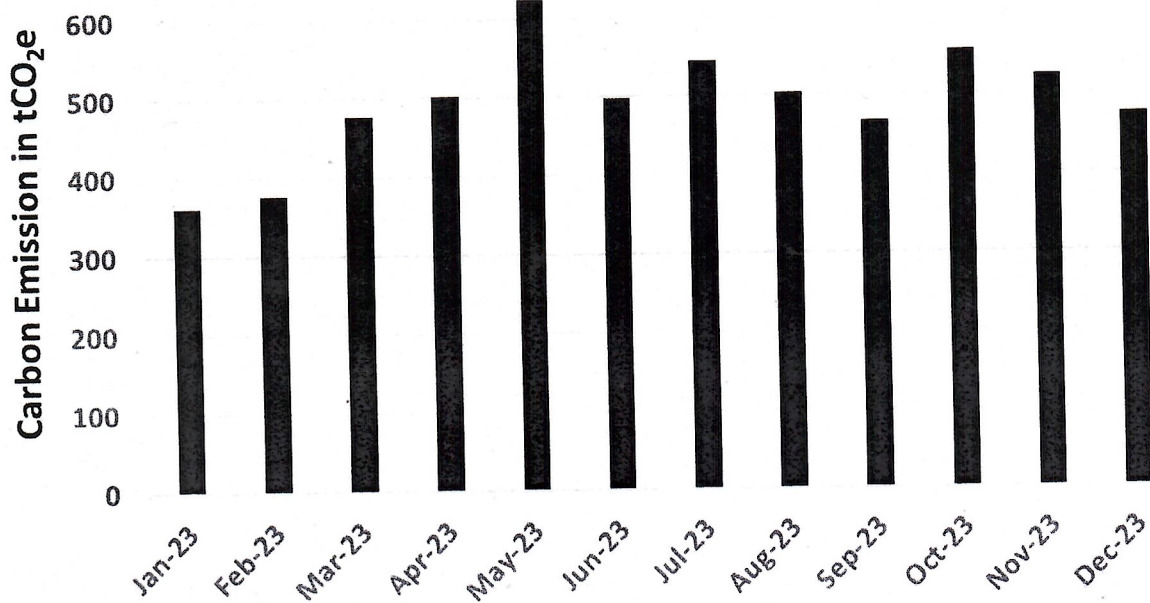


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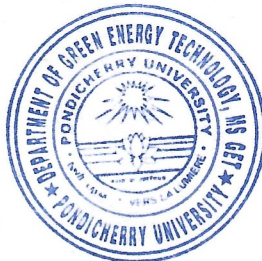
04-04-2023

Scope 2: Carbon emission due to the energy consumed via the Grid at Pondicherry University Main Campus for the year Jan 2023- Dec 2023. [Calculation as per Mistry of Power, Govt of India Central Electricity Authority (CEA)]



Scope 2: Total Carbon emission in tCO₂e for Jan 2023 – Dec 2023 (1 year) = **5912 Tonnes of CO₂e**

Thanking you



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