Annual Carbon Emissions Report

Maharishi Markandeshwar
(Deemed to be University)
Mullana

Reporting Period: 2024-25

This report details the carbon emissions for Maharishi Markandeshwar (Deemed to be University) Mullana (MM(DU)) for the academic years 2024-25. The methodology and reporting framework are aligned with standard practices for institutional carbon footprint assessment.

Operational Control Approach

Our reporting boundary has been defined under The Operational Control Approach. Please refer to our Methodology Statement for full details of how we have compiled the figures in this report.

Emissions Scopes Included in Our Report

We have measured our scope 1 and 2 emissions.

Carbon Reduction Target(s)

MM(DU) is committed to minimizing its environmental footprint. We aim to continuously assess and reduce our carbon emissions through various initiatives, including promoting sustainable transport, optimizing energy consumption, and enhancing waste management practices.

Baseline Year for Our Target and Reporting:

2024 (or Academic session 2023-24)

Scope-wise Emissions Summary: 2025 (AY 2024-25)

Category	Source	Emissions (tCO_2e)
Scope 1	LPG (Hostel Cooking)	171
	Institutional Transport (Diesel Buses)	393
Scope 2	Grid Electricity Consumption	7,935
	Solid Waste (Landfill fraction)	90
Gross Emissions		8,589
Carbon Offset	Tree Plantation	(-84)
Net Emissions		**8,505**

Further details on the baseline year (AY 2023-24) will be established as part of a comprehensive long-term sustainability strategy.

Scope-wise Emissions Summary: 2024 (AY 2023-24)

Category	Source	Emissions (tCO_2e)
Scope 1	LPG (Hostel Cooking)	171
	Institutional Transport (Diesel Buses)	393
Scope 2	Grid Electricity Consumption	9,085
	Solid Waste (Landfill fraction)	83
Gross Emissions		9,732
Carbon Offset	Tree Plantation	(-80)
Net Emissions		**≈ 9,650**

Summary on Emissions

For the academic year 2024-25, Maharishi Markandeshwar (Deemed to be University) Mullana has demonstrated a notable reduction in its gross carbon emissions compared to 2023-24. The total gross emissions decreased from 9,732 tCO_2e in 2023-24 to 8,589 tCO_2e in 2024-25, primarily driven by a significant reduction in Grid Electricity Consumption (Scope 2 emissions), which dropped from 9,085 tCO_2e to 7,935 tCO_2e. This suggests successful implementation of energy efficiency measures or a shift towards cleaner energy sources within the university's operations.