

FY 23-24 & 24-25

Greenhouse Gas Emissions Inventory

Comprehensive carbon footprint analysis across all operational scopes.

SCOPE 1: DIRECT EMISSIONS

Direct greenhouse gas emissions from sources owned or controlled by the organization.

Source	Emissions (tCO ₂ e)	
	FY 23-24	FY 24-25
PNG	476.08	405.11
Diesel – Stationary combustion	8.05	13.05
Diesel – Mobile combustion	34.45	35.2
Refrigerants	0	115.06
Total Scope 1	518.58	568.43

SCOPE 2: INDIRECT EMISSIONS FROM ENERGY

Indirect greenhouse gas emissions from the generation of purchased electricity consumed by the organization.

Source	Emissions (tCO ₂ e)	
	FY 23-24	FY 24-25
Purchased electricity	5555.11	6701.94

Source	Consumption(kWh)	
	FY 23-24	FY 24-25
Solar rooftop	138,754	617,017
449 tCO ₂ e emissions avoided in FY 2024-25 and 101 tCO ₂ e in FY 2023-24 through green energy consumption.		

SCOPE 3: OTHER INDIRECT EMISSIONS FOR FY 24-25

All other indirect emissions that occur in the value chain, including both upstream and downstream activities.

Category	Emissions (tCO ₂ e)
Purchased goods & services	32213.65
Upstream transportation	81357.14
Business travel	84.78
Employee commuting	3898
Waste disposal	112.63
Downstream transportation	117408.02
Total Scope 3	235074.22

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