Material Topic: Energy Consumption

Our Initiatives

Replacing fluorescent lamp with LED

The Group has been replacing our fluorescent lighting fixtures lamps with light-emitting diode ("LED") to improve energy efficiency since FY2021. Currently, the progress of the replacement stands at 40% for office lightings (FY2022: 9%) and 60% for production lightings (FY2022: 16%). Pecca endeavours to continue such replacement going forward.
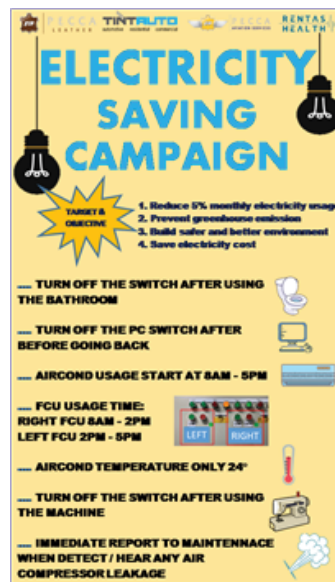
Installation of Solar PV System

Total Solar Energy Generated in FY2023	290.9 MWh
CO_2 Emissions reduced in FY2023	290.0 tCO_2

Completed solar PV system on the rooftop of our manufacturing facility

Energy-Saving Campaign

Our ongoing energy-saving campaign for the past few years has continued to instill values of reducing energy consumption among our employees. This includes employing the use of "best practice" notices and signages at power outlets and switches.

Electricity-saving campaign signage displayed at every floor and safety board

Water Cooling System

Pecca uses water cooling system instead of fans or air conditioning system on our operations floor, covering 3.5 floors which is equivalent to 75,000 sqft. This initiatives greatly reduces our electricity consumption as there is no need for fans or air conditioners to cool the air.

Water cooling system in operation floors
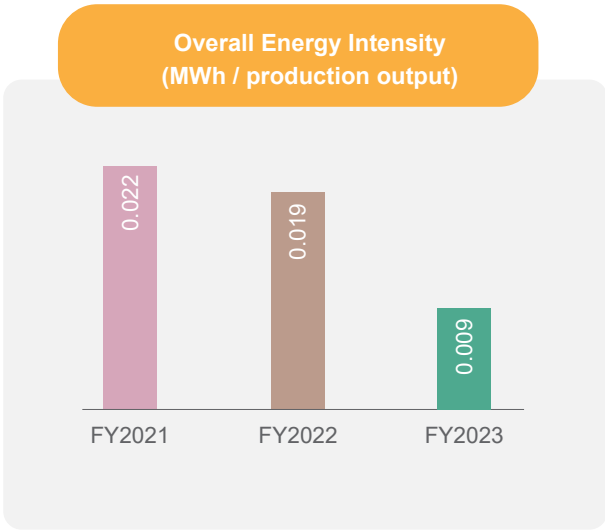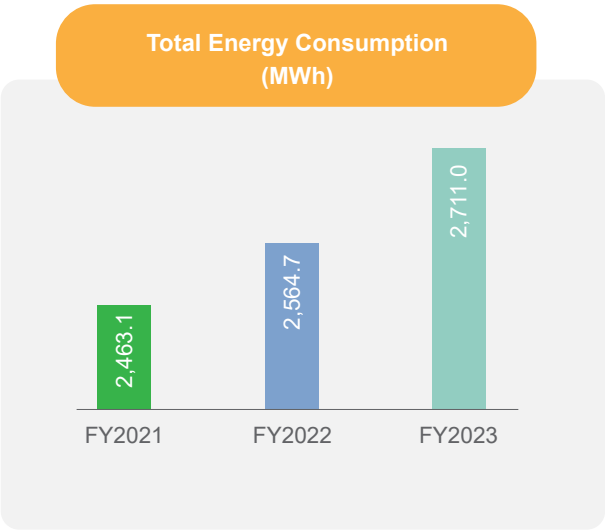
Our Initiatives (Cont'd)

Auto Motion Sensor Lightings and Solar-Powered Lightings
We have installed auto motion sensor lightings in areas such as staircase to save energy and switching off the light automatically when the area is not in use. Additionally, we have implemented solar-powered lightings for our premises' outdoor lightings which utilises solar energy.
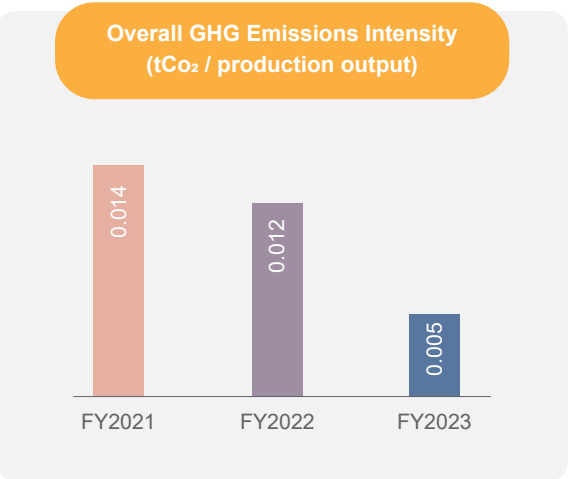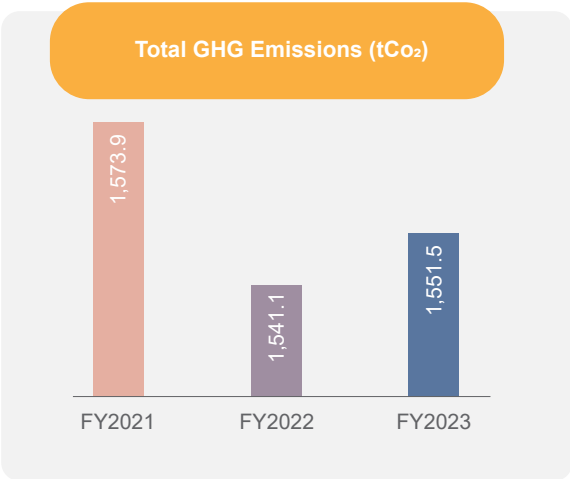
Virtualisation of Servers
Instead of dedicating separate hardware for each server, Pecca leverages virtual machines to run multiple servers on a single hardware platform. This approach significantly reduces our energy consumption by optimising hardware utilisation and minimising the need for additional servers, which in turn lowers electricity usage and cooling requirements. By embracing virtualisation, we not only enhance our operational efficiency but also contribute to our broader sustainability goals by reducing our carbon footprint and energy costs.

Tracking Our Energy Performance

Total Energy Consumption (MWh)

FY2021	FY2022	FY2023
2,463.1	2,564.7	2,711.0

Overall Energy Intensity (MWh / production output)

FY2021	FY2022	FY2023
0.022	0.019	0.009

Tracking Our Emissions Performance

Total GHG Emissions (tCO_2)

FY2021	FY2022	FY2023
1,573.9	1,541.1	1,551.5

Overall GHG Emissions Intensity (tCO_2 / production output)

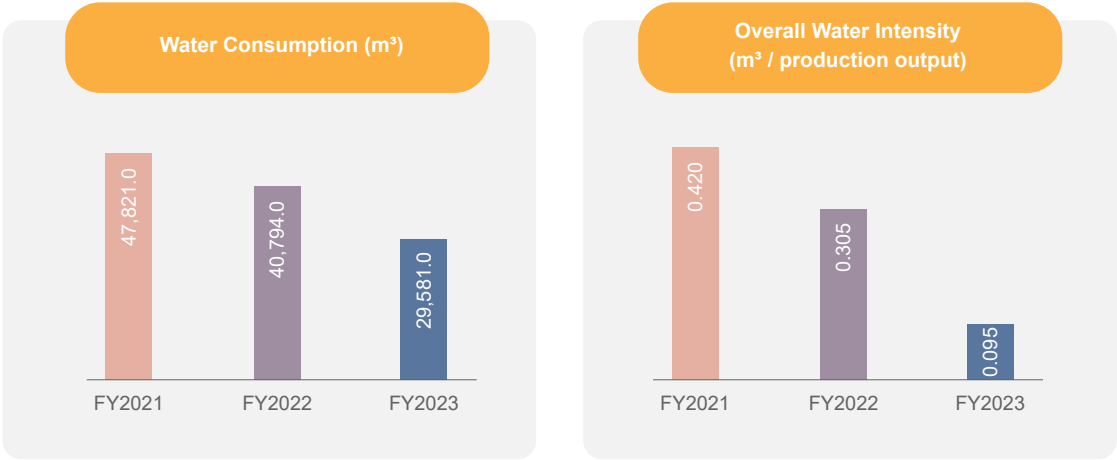| FY2021	FY2022	FY2023
0.014	0.012	0.005

Material Topic: Water Management

Our Initiatives

We strive to reduce our water footprint by promoting water-saving practices to employees, in which related signages and notices are placed at common water fixtures and faucets, toilets and pantries. We have also incorporated auto sensor water taps to limit water wastage when not in use.
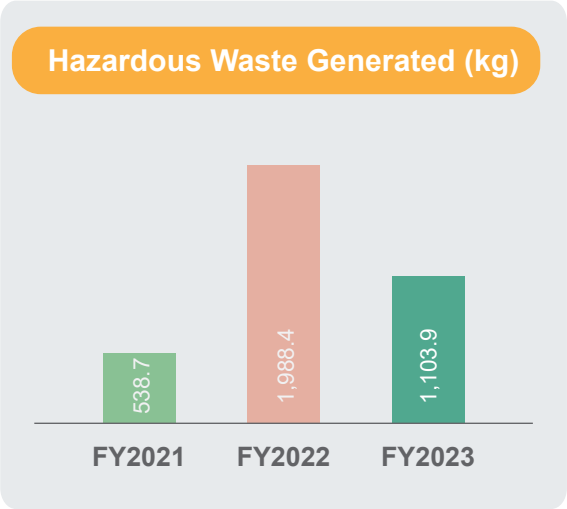
Tracking Our Water Performance

Water Consumption (m³)

FY2021	FY2022	FY2023
47,821.0	40,794.0	29,581.0

Overall Water Intensity (m³ / production output)

FY2021	FY2022	FY2023
0.420	0.305	0.095

Material Topic: Effluent and Waste Management

Our Initiatives

3Rs Approach	Description
Reduce	• Fully optimise material's cutting layout to minimise wastage • Go paperless by implementing electronic systems, i.e. e-MTN (manual transfer note for production material request), e-PR (purchase request), e-Announcements etc.
Reuse	• Reuse of packaging materials and carton boxes • Reuse of office supplies and materials wherever possible • Reuse recycled materials in the manufacturing of our products • Unwanted leather cuts are reused to make other car accessories
Recycle	• Broken / malfunction computers and IT hardware / peripherals are disposed to scrap collector for recycling purpose • Recycle excess materials such as scrap foam, scrap metal / steel and scrap plastic

Tracking Our Waste Performance

Hazardous Waste Generated (kg)

FY2021	FY2022	FY2023
538.7	1,988.4	1,103.9

Tracking Our Materials Performance

Total Materials Consumption

	Leather (sq ft)	Foam (m)	PVC (m)	Carpet (m)	Fabric (m)
FY2021	6,465,092	1,781,624	846,109	163,130	
FY2022	9,377,481	1,454,565	779,724	230,477	
FY2023	6,609,920	1,093,709	1,467,729	303,433	3,107

Legend: Leather (sq ft), Foam (m), PVC (m), Carpet (m), Fabric (m)

Total Recycled Input Materials Used (kg)

FY2021	FY2022	FY2023
282,309	286,029	295,373