

SUSTAINABLE INITIATIVES



IN BANGLADESH

(A) Energy Efficiency

- 01 Solar for Reducing GHG Emission and providing Renewable energy in National Grid through Net Metering.
- 02 Replacing Old Fluorescent Lights Energy saving and ecofriendly LED Lights that save 10 KWH electrical
- 03 2nd phase: 140 KWp capacity solar system will install by December 2025.
- 04 Plan - Solar Panel (693 KWp) installation; Achieved – 553 KWp already installed
- 05 % of renewal energy compared to purchased electricity has gone up by 10% in 2025 compared to 2024



The BD team has also taken a few more initiatives that aim at reduced energy consumption -

- 01 Replace clutch motors with energy efficient Servo motor which will help electricity consumption by 50%
- 02 Installation of modulate VFD based on pressure feedback for 55 kW * 4 for air compressors which has lead to 102,784 kWh energy each year
- 03 Recovering heat from the flue gases of the boilers by installing of automatic blow down or TDS meter – A condensate recovery system including flash steam capturing is complete



IN VIETNAM



Our investment in renewable energy and smart grid technologies is a crucial step toward reducing our reliance on fossil fuels and minimizing our carbon footprint.



Solar electricity consumption has seen an approximate 85% increase with Coal consumption being maintained to 0 since 2023



826,080 kwh solar used in 2025



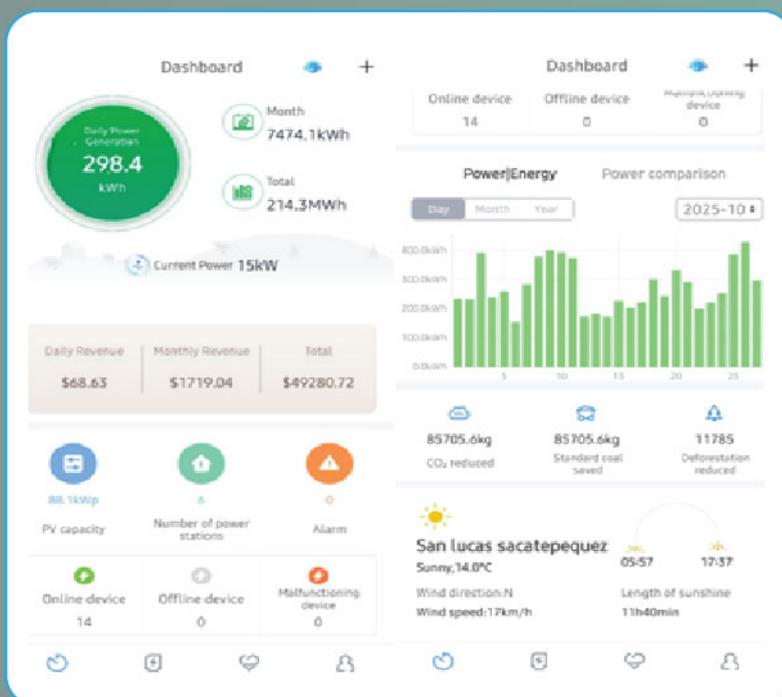
406,975 kg CO2e removed by the solar system in 2025



COMPARISON CARBON EMISSION AND CARBON REMOVAL IN 2025

Scope	Sources	2025 Consumption		2025 - Carbon emission		2025 - Carbon removal	Balance
		Consumption	Unit	CO2 (kg)	%	CO2 (kg)	CO2 (kg)
1	Petrol (for grass cutter and fire pump)	140	Liter	354	0.02%		
1	Diezel (for forklift)	2,078	Liter	5,968	0.29%		
1	Refrigerent - R32		Kg	2,708	0.13%		
2	Electricity (Grid)	4,3	Kwh	20,29,721	99.56%		
	Solar electric	87	Kwh			4,06,975	
	Trees plant		Tree			44,726	
	Total			20,38,750		44,726	19,94,024

IN GUATEMALA



One of the goals in 2025 for the GT was to reduce GHG emissions and carbon footprint. The 1st step taken towards this goal was an investment in installation of 160 solar panels with a clear target of converting our energy consumption to 80% renewable energy.

A monthly monitoring of the reduced CO2 and standard carbon emissions allows us to keep track of our goals

IN INDONESIA

a

Improved Energy efficiency due to the use of LED lights, servo motors and fibre glass windows



b

There is a proposed solar panel installation project



(B) Waste Reduction

Effective waste management is essential in the apparel industry, where material scraps, packaging, and process waste can significantly impact both cost and the environment. At Pearl Global, our focus on waste reduction and recycling helps us conserve resources, lower emissions, and move closer to a circular, environmentally responsible manufacturing model.

IN BANGLADESH

INITIATIVE 1

Engaging **GEOCYCLE** for ETP sludge treatment

INITIATIVE 2

Working with Min Oils for Waste Lube Oil recycling

INITIATIVE 3

Providing Waste bins to the local community to reduce waste pollution



INITIATIVE 4

Starting 2024, the BD team has made a concentrated effort to ensure reduced use of poly bags. This initiative has ensured that usage of poly bags has reduced and 60% of the times, Teffeta bags are in use. The benefit of the Teffeta bags is that it can be reused for a minimum of 3 months – Savings 500 pcs poly bag a day

INITIATIVE 5

There is a conscious tracking of waste and segregation of all types of waste by engaging with Reverse Resource (RR) and 427+ ton fabric waste is handed over for recycling as on September 2025.

Reverse Resources has awarded 'Certificate of Appreciation' to the Norp Knits – 2 unit for leadership in traceability and participating in the circular textile network.

IN VIETNAM

225,378 kg

Of Textile scraps was recycled by handcraft companies or recovered by energy companies



2,906 kg

Of plastic items was recycled by Plastic recycle companies



Average number per year from 2021 to 2025

19,678 kg

Of cartons was recycled by paper recycle companies



26,590 kg

Of cartons was recycled by paper recycle companies in 2024



IN BANGLADESH

The rainwater harvesting project initiative undertaken in 2024 has yielded results, even in 2025!

Other Initiatives

- 01** Machine upgradation of Jeanologia has led to 200 L of water savings per batch (80-100 kgs)
- 02** Using the laser machine one bath and two rinses aren't required leading to around 1800 L consumption of water is saved, per batch
- 03** An Ozone machine by Indra ensures proper control of temperature and humidity saves 20 mins per batch helping save 1800 L of water per batch during desizing
- 04** A reverse osmosis with the capacity of 480 KLD has been installed allowing wastewater back to the process



- 05** Reuse ETP Outlet Water for different purposes
- 06** An Ultra filtration system of total 840 KLD capacity is also installed- portion of the UF treated water is used for cleaning and gardening purposes.
- 07** Utility System Upgradation - Metering system is monitored regularly along with water flow meter
- 08** A few other initiatives – Using water free acid wash, water free enzyme, use of dry bag softener allows 300 L of water consumption per batch and using cationizing agent & pigment dye helping reduction of 1200 l of water consumption

IN VIETNAM

The initiatives taken for water conservation has yielded the below results.

In 2025
49%

**OF TOTAL WATER CONSUMPTION
(Compared with 2019)**

Water efficiency - The team has ensured rainwater harvesting and water waste treatment plants



IN INDONESIA

Indoor Air Quality – Installed Indoor Humidity Monitor, 3rd party test for temperature and Humidity - ISBB certification (An Indonesian term for Wet Bulb Globe Temperature Index – WBG)



Certificates across all factories



Client Driven Initiatives

- 01 For Inditex: 100% paper-based accessories from FSC certified paper-based packaging; Also a partner of 'Join Life' production initiative
- 02 For Walmart: 100% paper-based accessories from FSC certified paper-based packaging,
- 03 Following Canopy Green Shirt for MMCF
- 04 Primark Care – A sustainability initiative by Primark



100% of Inditex products are with sustainable feature. Our factories are processing those with success & arranging necessary

JL (Join Life)

