



# Green Business Forum for Asia and the Pacific

## Investing in a Sustainable Future

22–24 November 2016 • ADB Headquarters

This spectacular manufacturing unit is located in Narayanganj, 20 kilometers south from Dhaka city center, having an area of 6 acres (2.47 hectares) land, ideally organized by a combination of several beautiful buildings and more than 50% open area with lush greeneries. Besides, PFL has ensured the most efficient natural water management system, reusing the rainwater and surface water properly. A natural water body located inside the factory premises not only ensured the balanced eco system, but also assured a complete tranquility in the area.



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HIGHEST POINT SCORING

## LEED PLATINUM

KNITWEAR MANUFACTURING FACILITY IN THE WORLD

**40%** Reduction in  
Energy Use

**41%** Reduction in  
Water Use

**35%** Reduction in  
Carbon footprint

**25/26**



→ Sustainable  
Sites

**31/35**



→ Energy &  
Atmosphere

**7/14**



→ Material  
& Resources

**10/15**



→ Indoor  
Environmental  
Quality

**5/6**



→ Innovation  
& Design

**4/4**



→ Regional  
Priority

**92**



LEED  
PLATINUM



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# Rainwater Harvesting



Every drop of water that enters the factory site is carefully managed. A rainwater management plant prevents rainwater from leaving the site. Rainwater collected in six underground reservoirs is reused for toilet flushing and irrigation purposes.



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# Onsite Renewable Energy



A 65 KW capacity solar power plant with highly efficient mono crystalline panels has been installed in this factory. It will produce at least 110 mw/ hour energy every year which will meet at least 13% of total power required.



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# ETP Plant

A 50 M3/Hr capacity ETP plant has been installed in this factory. It will produce at least 50 M3/hour.



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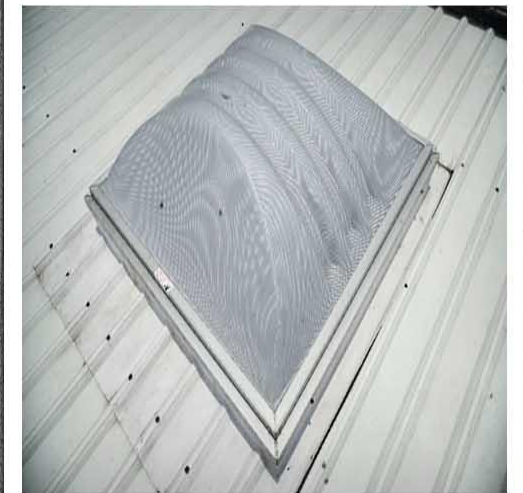
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# Maximum Day Lighting

The factory has designed the windows and louvers in a way to use maximum daylight. Moreover, 44 signature series prismatic dome skylights by Sun optics, USA has been installed for ambient lighting during the day time.



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# Reduce Heat Island Effect

Reduce heat islands (*thermal gradient differences between developed and undeveloped areas*) to minimize impact on microclimate and human and wildlife habitats. PFL has installed roofing materials having Solar Reflecting Index (SRI) value 79 which is much higher than the required level. The total hardscape of the area is designed by light colored pave block which ensured the area to be heated less.



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**“Plummy Fashions can produce all  
kind of organic  
Textile product under GOTS  
Certificate”**



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A decorative border of watercolor-style flowers and leaves in shades of green, yellow, and pink surrounds the central text.

# thank you

A logo featuring a stylized green plant with circular icons representing various sustainable development goals.

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