



Active Energy Engineering Ltd.

–

Sister Concerns:
Active Renewable Energy
Active Fire Solutions Ltd.

Committed towards a
sustainable & better future





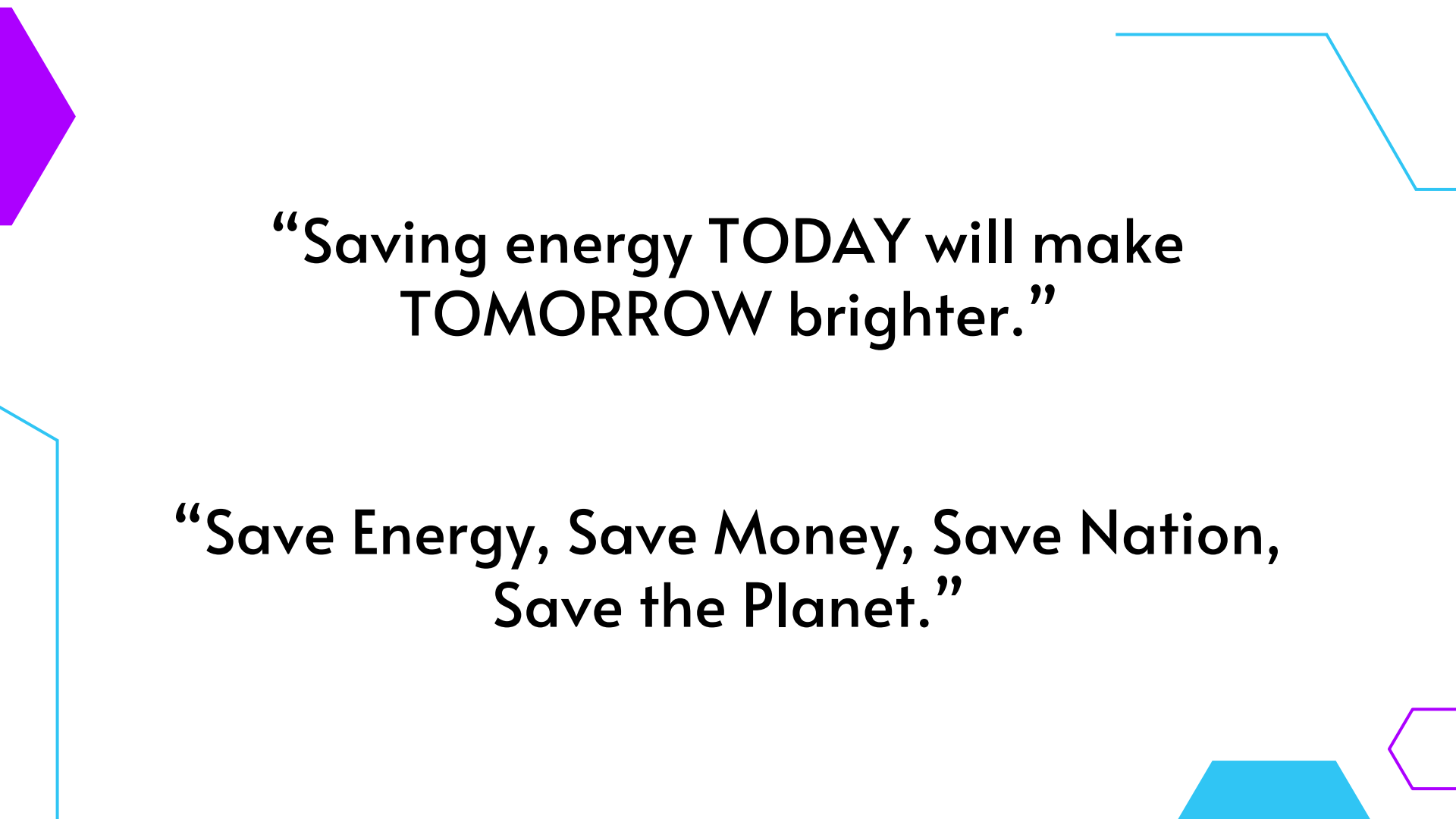
Who we are

We are a company with professional team having experience of more than 30 years in Engineering, HVAC, Power Generation, Co-Generation, Renewable Energy & Energy Efficiency.

“We make real what matters.”

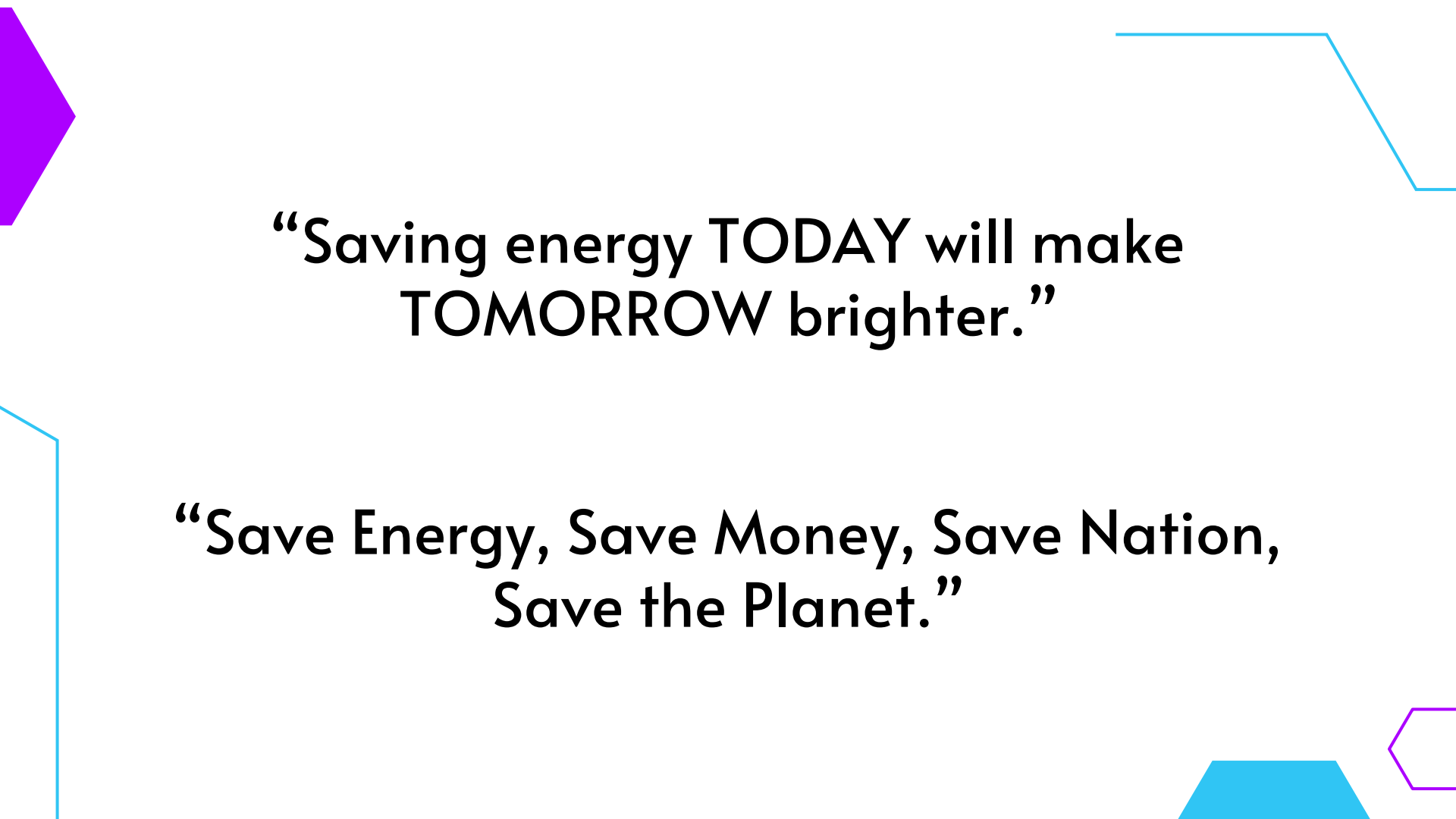
That's our aspiration. That's what we stand for. That's what sets us apart. A reflection of our strong brand, it's the mission that inspires us to succeed.

Sustainability has always been the driving force in AEEL's unceasing quest for progress. It is essential to guarantee results and strengthen the company's reputation and economic performance.



**“Saving energy TODAY will make
TOMORROW brighter.”**

**“Save Energy, Save Money, Save Nation,
Save the Planet.”**

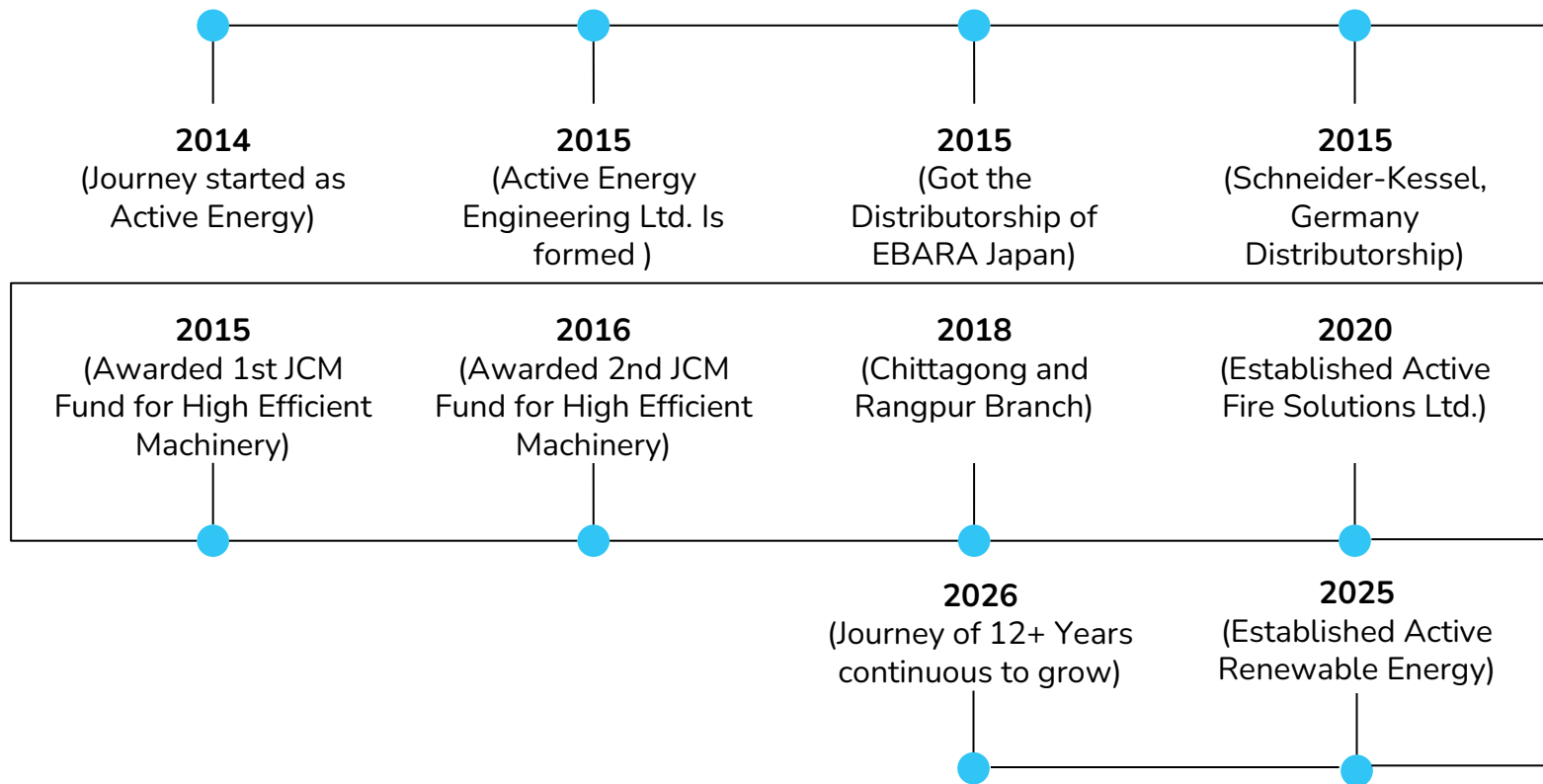


Geographical Presence

Active Energy Engineering Ltd.



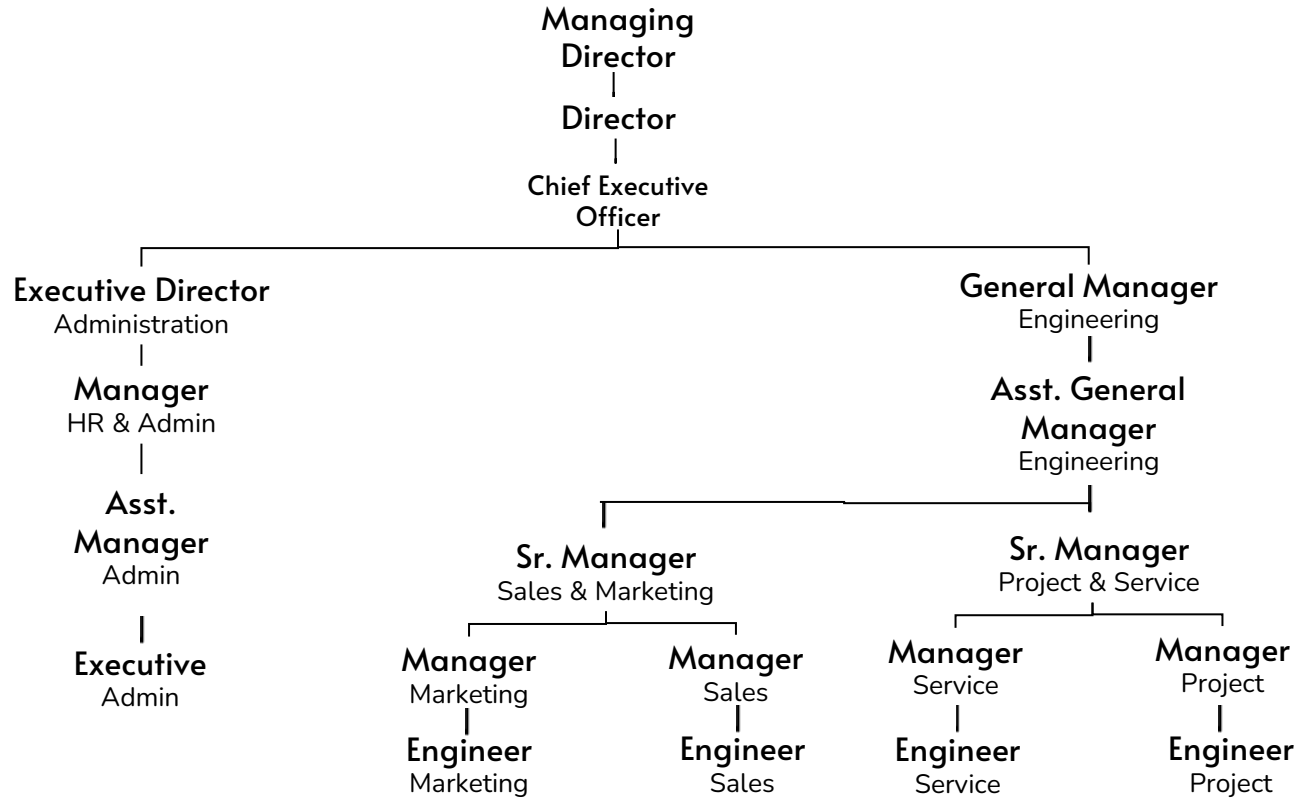
Timeline



Journey of Active Energy Engineering Ltd.

- Started the journey as Active Energy in 2014
- Private Limited company formed in Sep, 2015 and Active Energy Engineering Ltd is incorporated. Company registration number: C-125926/2015
- BIN Number: 000536989-0307
- TIN Number: 179380990316
- IRC Number: 260326110693219
- In early 2018, 2 branch offices were opened. Chittagong and Rangpur.
- 1st Sister Concern Active Fire Solutions Ltd. is formed in 2020.
- 2nd Sister Concern Active Renewable Energy is formed in 2025.
- Journey of 12+ years continues to grow..

Organizational chart





120 Employees
3 Offices
1 Warehouse

Consultancy, Design, Sales,
Implementation & Service

Complete solution

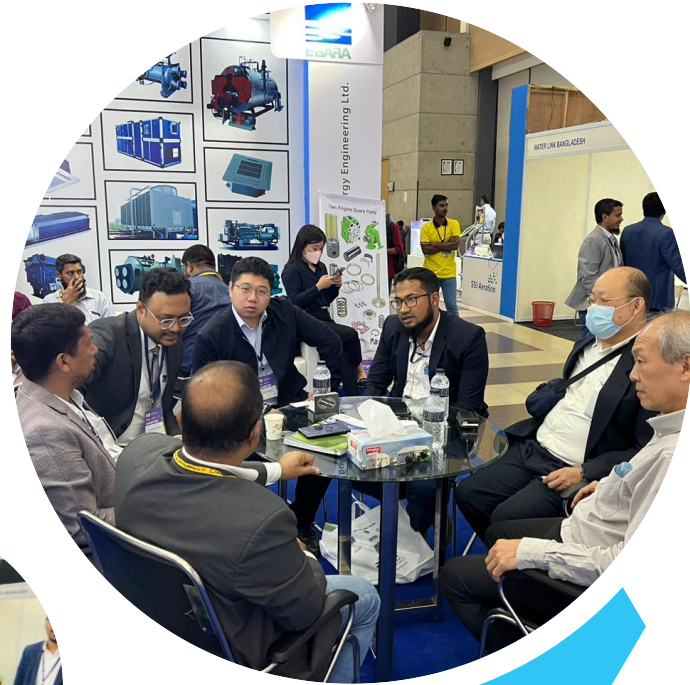
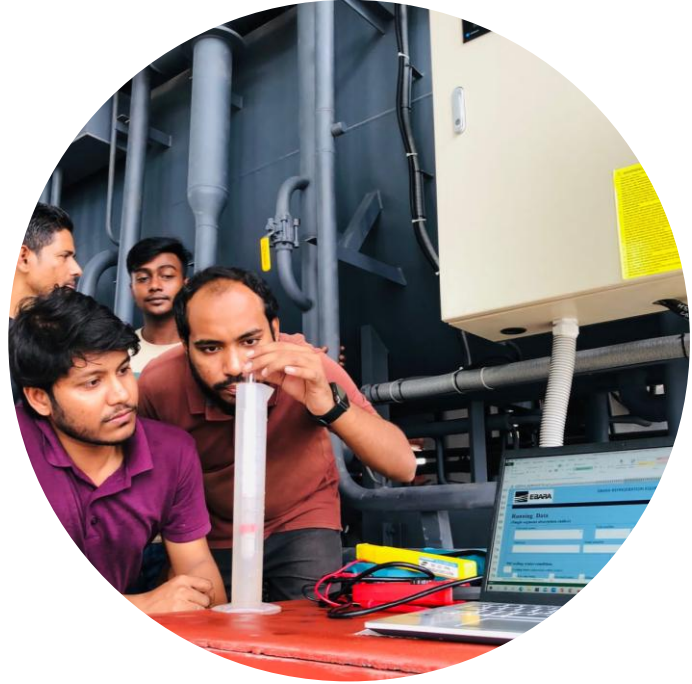


Photo showcase

DTG Fair 2022, 2023, 2024, 2025
The Largest Textile & Garments
Fair in Bangladesh

24/7 Service



Portfolio



EBARA,
Japan



Erensan (Group
Atlantic), France



Dunham-Bush,
USA



SITONG Boiler,
China



Genius,
Malaysia



DLK,
Germany



GF Power,
Austria



LDS
Generator,
UK



Tranter,
Switzerland

Sister Concern

1. Active Fire Solutions Ltd.

- Product: Fire Fighting Protection & Detection, Mechanical Fabrication
- Employees: 30+ Personnel
- Brand: EBARA, Bristol, Naffco, Hochiki

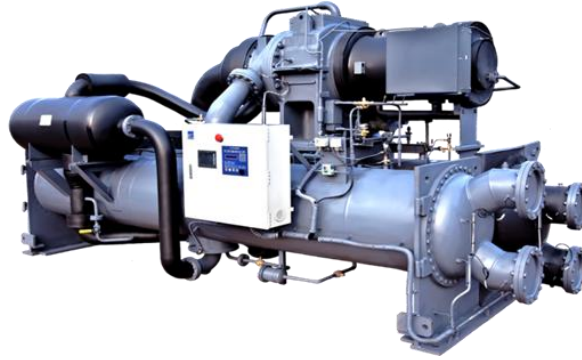




2. Active Renewable Energy

Active Renewable Energy, a sister concern of Active Energy Engineering Ltd., aims to drive Bangladesh's green transition through rooftop & green-field solar projects. We deliver efficient, eco-friendly power solutions for homes, businesses, and industries—reducing carbon emissions with innovation and responsibility.





EBARA

- Exhaust Fired Chiller
- Hot Water Fired Chiller
- Steam Fired Chiller
- Multi Energy Chiller
- Natural Gas/Diesel Fired Chiller
- Electric Centrifugal Chiller
- Electric Screw Chiller
- Heat Pump
- Cooling Tower
- Pump





ERENSAN/SITONG

- Waste Heat Recovery Steam Boiler
- Natural Gas/Diesel Steam Boiler
- Thermal Oil Boiler
- Biomass Steam Boiler
- Electric Water Heater
- Electric Steam Boiler
- Waste Heat Water Heater



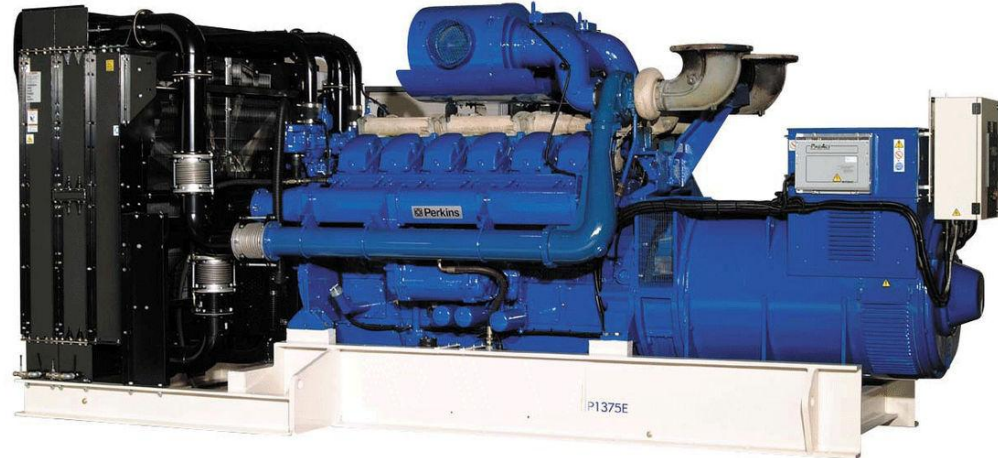


GENIUS

- Cross Flow/Counter Flow Cooling Tower
- Box Type/Bottle Type Cooling Tower
- High Temperature Cooling Tower
- Special Water Cooling Tower

LDS Diesel Generator

- Perking/Cummins/Volvo Engine
- Stamford/Mecc Alte/Leroy Somer Alternator
- Deep Sea Electronics Control Panel
- ATS, Canopy, Synchronizing System





Energy Storage System

- Stable Power Storage
- Battery Modules
- Battery Management System (BMS)
- Energy Management System (EMS)
- Inverters
- Critical Power Stability (Data Center, Uninterrupted Control Circuit Power in Industry)

Lithium-ion Batteries



Front View

Side

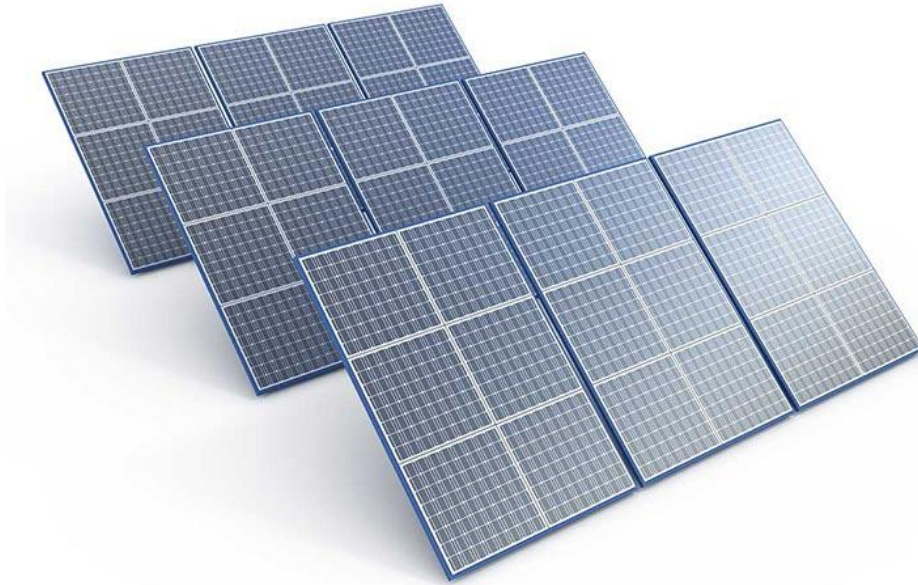
Frontal side view



Side bottom

Bottom

- Lithium iron phosphate (LiFePO₄ or LFP) is a high-performance cathode material used in lithium-ion batteries
- Long Life Cycle
- Cost effective
- Eco Friendly
- High Discharge Rate
- Stable Power Output



Solar PV Panel

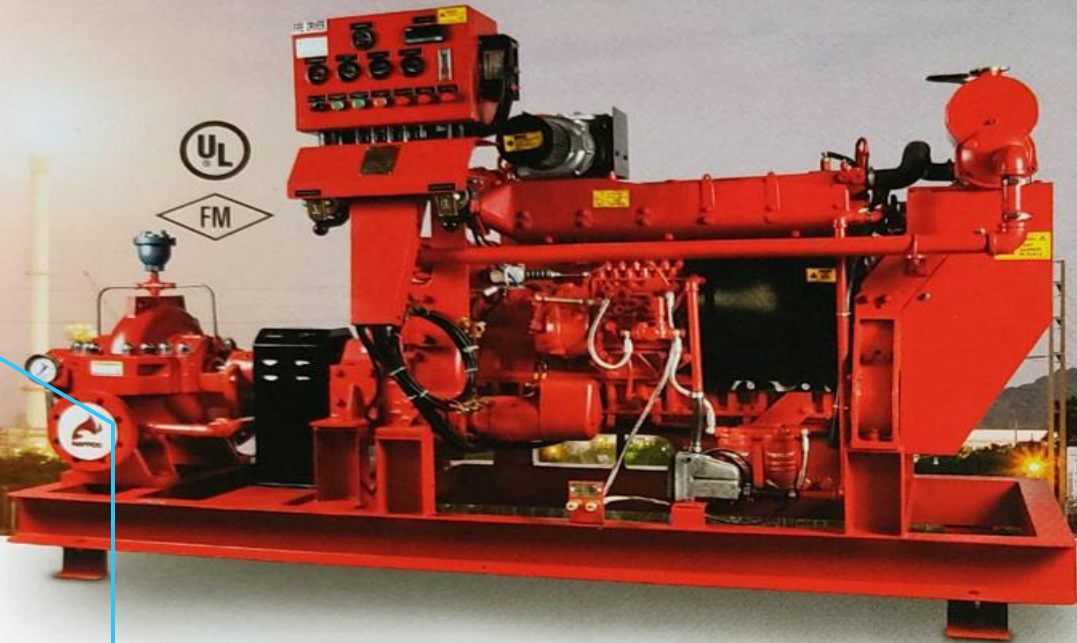
- LONGi, JINKO, Trina, AE Solar, ASTRO
- Range: Variable depending on client demand
- All are Tier1
- BIPV – Building-integrated photovoltaics



Solar Inverter

- Sineng, Sunway, Huawei, SMA, Equiv
- Range: Variable depending on client demand

Fire Protection Equipment



Fire Detection Equipment



Some Amazing Customers





The image shows a large industrial facility, likely a water treatment plant, with a complex network of pipes, valves, and machinery. A prominent yellow walkway runs across the upper level, providing access to various components. The ground floor features large storage tanks, electrical control panels, and additional piping. The overall structure is supported by a robust steel framework.

City Polymers Ltd.

The image shows a complex industrial setup in a textile mill. On the left, a large horizontal cylindrical tank is connected to a network of pipes and valves. A red vertical frame stands next to it. In the center, a large grey electrical control cabinet with a digital display and several analog meters is mounted on a concrete base. To its right, more pipes and machinery are visible, including a green vertical pipe on the far right. The floor is concrete, and a yellow bucket is on the ground. The scene is lit by overhead industrial lights.

Pahartali Textile & Hosiery Mills (Ispahani Group)



AKIJ Glass
Industries Ltd.

The image shows a complex industrial setup, likely for glass manufacturing. A prominent green vertical pipe is connected to a large grey horizontal pipe. The grey pipe has several rectangular access panels with bolted covers. In the background, red pipes are visible, and a fire alarm pull station is mounted on the wall. The floor is concrete, and there are some bags of material in the distance.

The image shows a complex industrial setup. On the left, a grey metal cabinet houses a control panel with a digital display and several buttons. Below the panel are two white electronic modules, each labeled 'SP2'. To the right of the cabinet is a large, dark grey cylindrical tank. In the foreground, there is a complex assembly of pipes, valves, and a pressure gauge. A blue line points from the text box to a small blue box on the machinery. The background is a plain, light-colored wall.

Hotel The Westin

A photograph of an industrial facility, likely a water treatment plant, featuring large green pipes, blue pumps, and grey machinery. The scene is set indoors with a concrete ceiling and pillars. A white text box with the name 'Pran Industrial Park' is overlaid on the right side of the image. There are also several decorative geometric shapes: a black triangle in the top left, a purple hexagon in the top left, a blue hexagon in the bottom right, and a purple hexagon in the bottom right.

Pran Industrial Park



Durable Plastic Ltd.

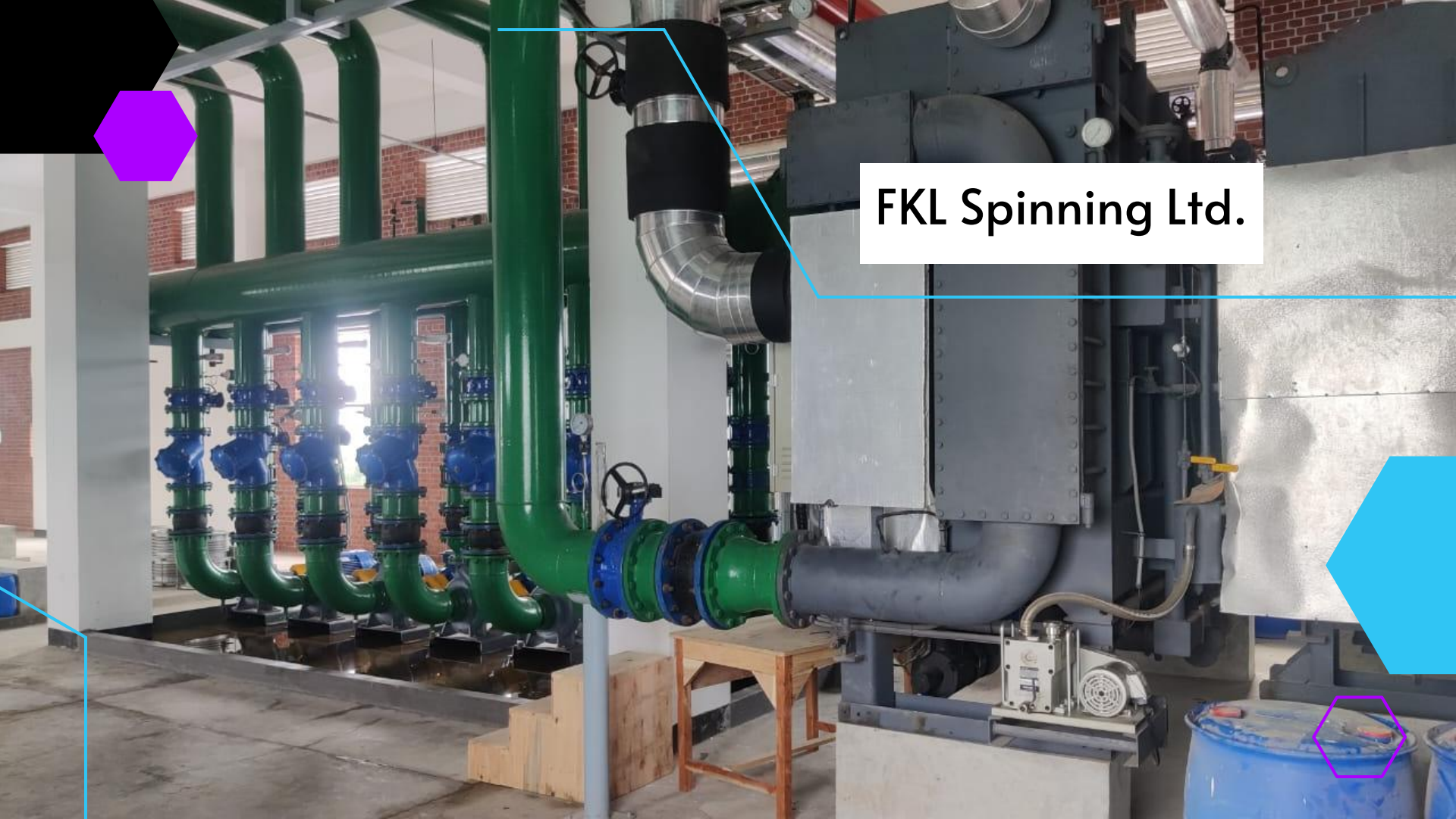




AKIJ Particle Mills Ltd.



Habiganj Industrial Park

The image shows an industrial setting with a complex piping system. On the left, several vertical green pipes are equipped with blue valves. A large, horizontal green pipe runs across the middle, connecting to a large, grey, industrial machine on the right. The machine has a large, curved, silver-colored pipe section. In the foreground, there are blue barrels and a wooden stand. The background shows a brick wall and a window. The text "FKL Spinning Ltd." is overlaid on the right side of the image.

FKL Spinning Ltd.



Asia Composite
Mills Ltd.



A photograph of an industrial facility, likely a refinery or oil processing plant. The scene is dominated by large, complex piping systems. In the foreground, several large blue electric pumps are mounted on a metal platform. These pumps are connected to a network of pipes, some of which are painted green and others silver. The pipes run horizontally and vertically, with some featuring valves and gauges. The background shows more industrial structures, including storage tanks and additional piping, under a high ceiling with visible steel beams and lighting fixtures. The overall atmosphere is industrial and functional.

City Edible Oil Ltd.



Amanat Shah
Fabrics Ltd.

A large industrial boiler, likely a steam boiler, is the central focus of the image. It is a horizontal cylindrical vessel with a black metal frame around it. The boiler has a logo and text that reads "SCHNEIDER KESSEL BERLIN" and "WWW.SCHNEIDER-KESSEL.DE". To the left of the boiler, there is a large, curved, insulated pipe that extends upwards and then turns to the right. Another straight insulated pipe runs horizontally across the top of the boiler. The boiler is situated in a large, well-lit industrial hall with high ceilings and several windows. A fire extinguisher is mounted on the wall to the right of the boiler. The overall scene depicts a manufacturing or industrial environment.

Amanat Shah Woven Composite Ltd.



**Hazrat Amanat Shah
Spinning Mills Ltd.**

Asgar Ali Hospital



ASGAR ALI
HOSPITAL we create hope



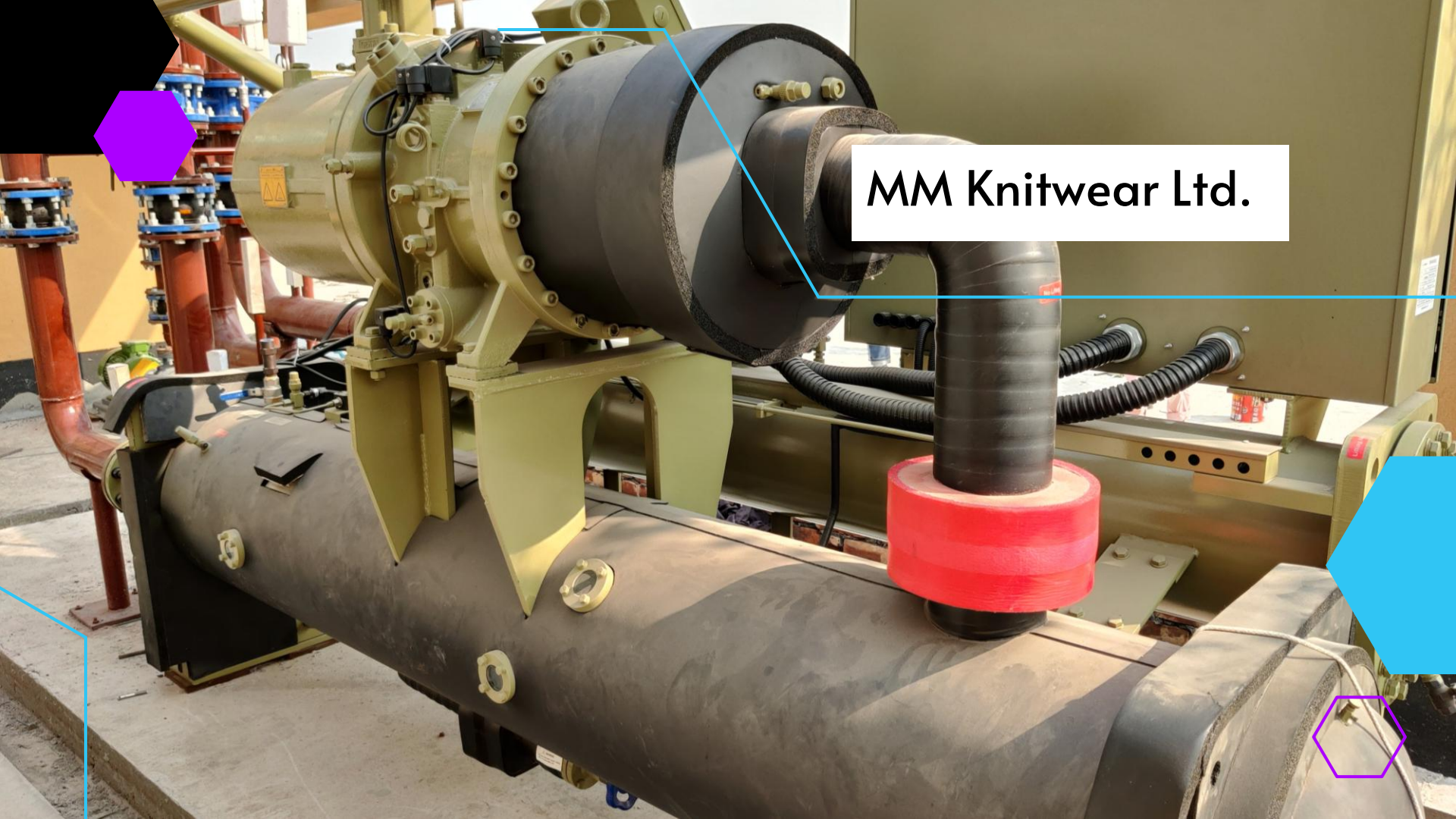
A large industrial machine, possibly a steam boiler or a large-scale washing machine, is the central focus. It has a cylindrical body with various pipes, valves, and gauges. The machine is situated in a factory or industrial setting with a concrete floor and metal structures in the background. A control panel with numerous buttons and lights is visible on the right side of the machine. The image is decorated with geometric shapes: a black hexagon in the top left, a purple hexagon in the top left, a blue hexagon in the bottom right, and a purple hexagon in the bottom right.

Clifton Apparels Ltd.



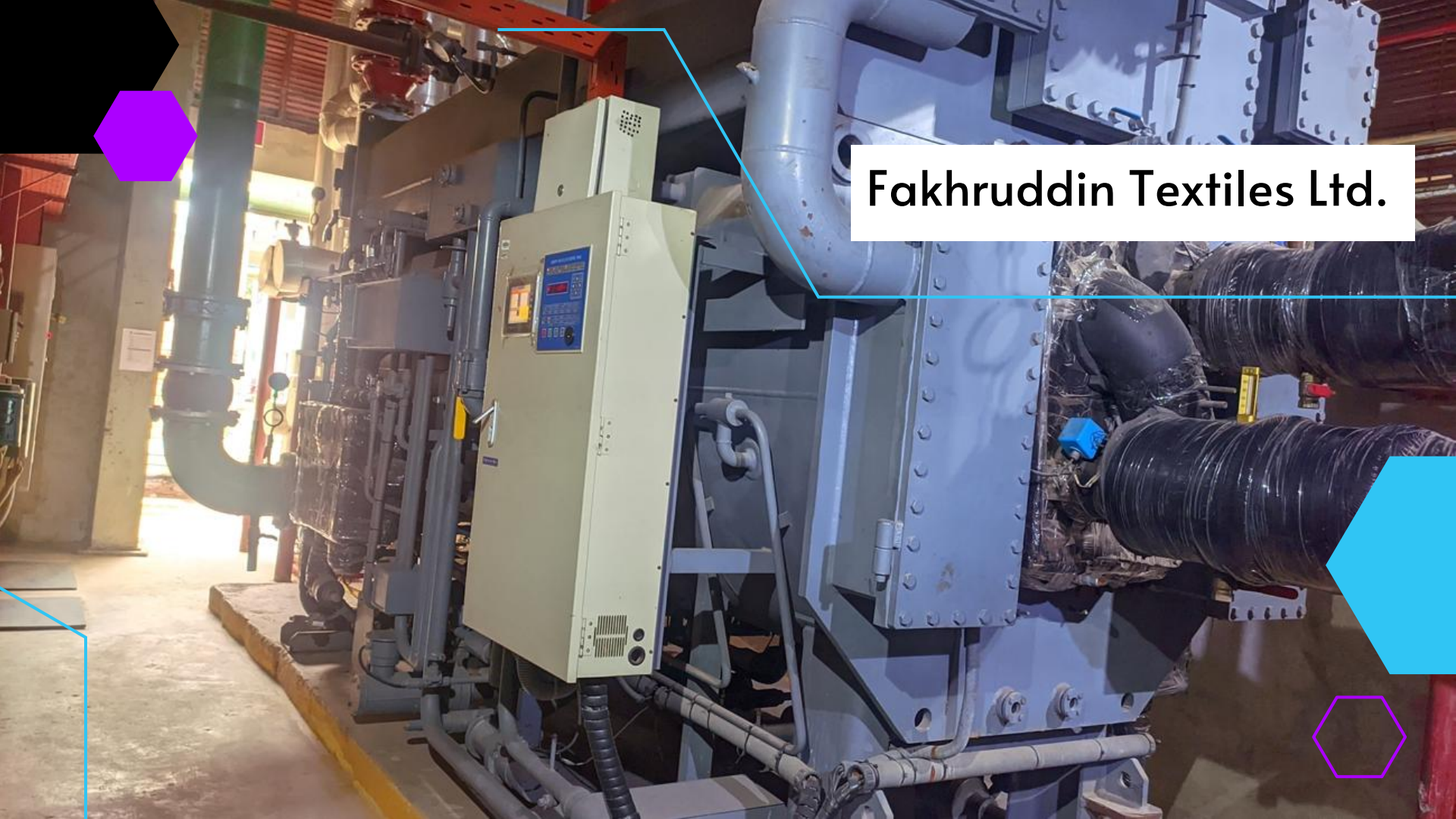
The image shows a large industrial machine, likely a pump or compressor, with a grey metal frame and a large horizontal cylindrical body. The machine is mounted on a concrete base. On top of the machine, there are two vertical cylindrical components, possibly tanks or filters, connected by pipes. The machine has several yellow safety labels and a control panel with a digital display and buttons. The background shows an outdoor industrial setting with a red metal roof structure, some greenery, and a building in the distance. There are decorative hexagonal shapes in the corners: a purple one in the top-left, a blue one in the bottom-right, and a purple one in the bottom-right corner.

Target denim Ltd.

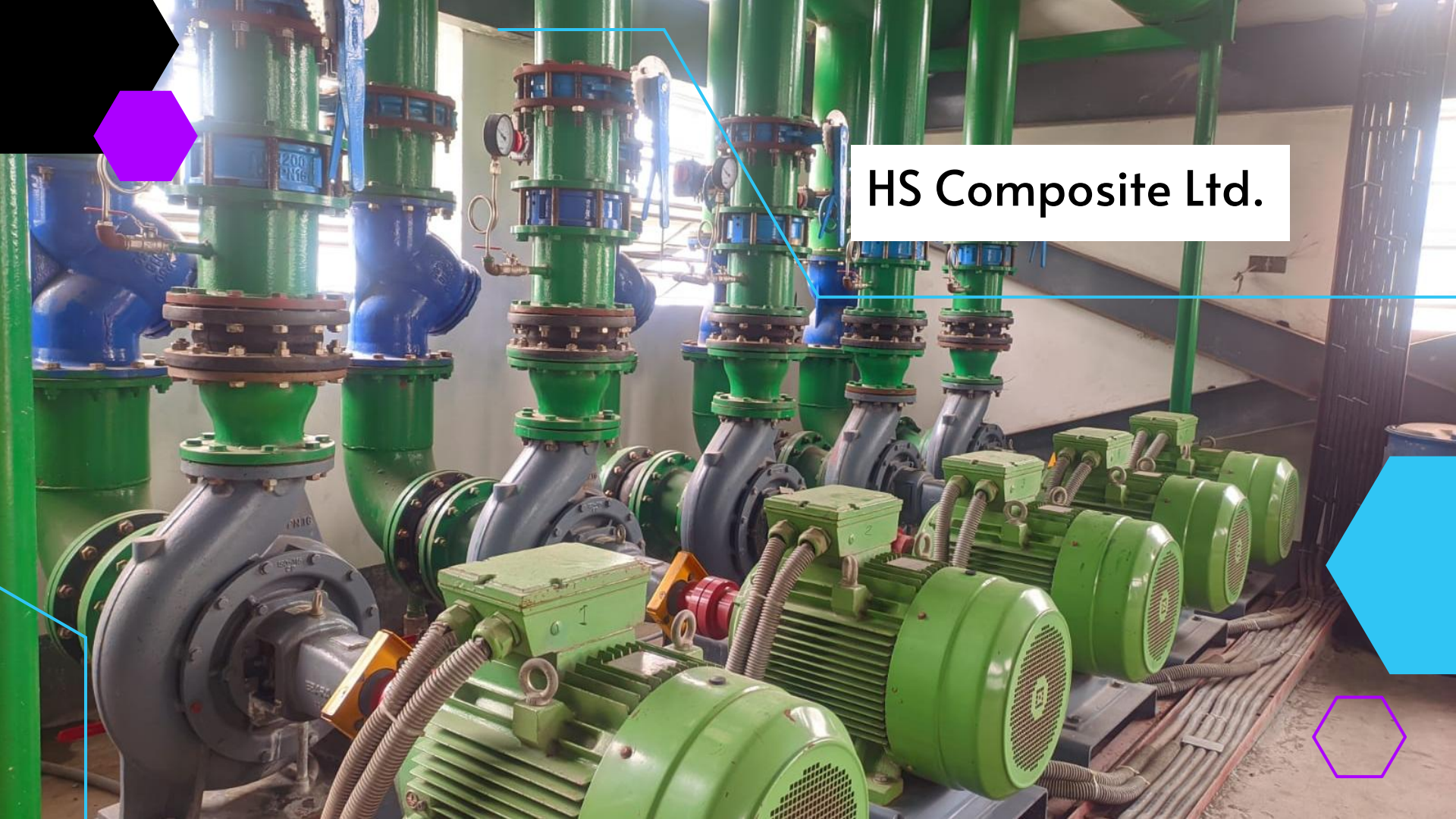


MM Knitwear Ltd.

The image shows a large industrial machine, likely a textile spinning or weaving loom. It features a prominent yellow frame and a large black cylindrical component. A red roller is visible at the bottom right, supporting a black tube. The machine is mounted on a concrete base. There are various pipes, valves, and electrical components visible. A blue line points from the text box to the black cylindrical component. A purple hexagon is in the top left corner, and a blue hexagon is in the bottom right corner.

The image shows a large industrial machine, likely a textile spinning or weaving loom, in a factory setting. The machine is primarily blue and grey, with a prominent white control panel featuring a digital display and buttons. Large black rollers are visible on the right side, and various pipes and conduits are connected to the machine. The background shows a typical industrial environment with concrete floors and structural elements. Decorative hexagonal shapes in purple, blue, and black are overlaid on the image.

Fakhruddin Textiles Ltd.

A photograph of industrial machinery, likely a water treatment or pumping system. It features several large green vertical pipes with blue horizontal connections. At the base of these pipes are large grey pumps. In the foreground, there are four green electric motors mounted on a metal frame, connected to the pumps by belts. The background shows a concrete wall and a staircase. The image is decorated with geometric shapes: a purple hexagon in the top left, a blue hexagon in the bottom right, and a purple hexagon in the bottom right corner.

HS Composite Ltd.

The image shows a close-up of industrial machinery, specifically two large, grey, cast-iron pumps or mixers mounted on a blue-painted metal base. Each pump has a large, circular, flanged opening on its side. The pumps are connected to a network of red and blue pipes. A large, red, curved pipe is prominent on the left side of the frame. In the background, there are more pipes and a green-painted metal structure. The floor is a light blue-grey color. A white rectangular box with black text is overlaid on the right side of the image. There are also some yellow and blue geometric shapes (a hexagon and a triangle) overlaid on the image.

City Sugar
Industries Ltd.



Next Accessories Ltd.



Natioanal Broadcasting (Bangladesh Betar)





Baraka Power Limited

The image shows a large industrial facility, likely a power plant, with several large green generators or turbines arranged in a row. The machinery is complex, with various pipes, valves, and electrical components visible. The floor is a light-colored concrete, and the ceiling is high with industrial lighting. The overall scene is brightly lit, emphasizing the scale and complexity of the equipment.

A large industrial engine and generator unit, painted blue, is mounted on a grey metal frame. The engine has multiple cylinders and various pipes and hoses connected to it. A large, cylindrical generator is attached to the front of the engine. The unit is situated in a room with white walls and a concrete floor. There are other industrial components visible in the background, including pipes, valves, and a large white tank. The image is decorated with geometric shapes: a purple hexagon in the top left, a blue line in the top right, a blue hexagon in the bottom right, and a purple hexagon in the bottom right.

Amtranet Ltd.

Blue Planet Knit
Composite Ltd.
5.1 MW Solar Project

Blue Planet Knit
Composite Ltd.
5.1 MW Solar Project



Blue Planet Knit
Composite Ltd.
5.1 MW Solar Project

The image shows a large-scale solar installation on a flat industrial roof. The solar panels are arranged in neat, rectangular rows, separated by metal gutters and walkways. A blue corrugated metal structure, possibly a ventilation unit or part of the roof's infrastructure, is visible in the middle ground. The overall scene is captured from an elevated perspective, showing the extensive coverage of the roof by the photovoltaic modules.

Color & Co Ltd.
0.4 MW Solar Project

An aerial photograph showing a large-scale solar panel installation on a flat, grey concrete roof. The panels are dark blue and arranged in several long, parallel rows. The roof surface shows some signs of wear and discoloration. To the right of the roof, there is a paved area with a few parked cars and a green lawn. The surrounding area includes other buildings and some trees.

Color & Co Ltd.
0.4 MW Solar Project

Color & Co Ltd.
0.4 MW Solar Project

An aerial photograph of a large industrial facility, Hamza Cotton Mills Ltd., featuring a long building with a blue corrugated metal roof. A significant portion of the roof is covered with solar panels. The facility is surrounded by lush green trees and vegetation. In the background, other industrial structures and a road are visible. The image is framed with decorative geometric shapes: a purple hexagon in the top-left, a blue hexagon in the bottom-right, and a blue line connecting the text box to the solar panels.

Hamza Cotton Mills Ltd. 0.4 MW Solar Project

Hamza Cotton Mills Ltd.
0.4 MW Solar Project

An aerial photograph of a large industrial building with a blue corrugated metal roof. A significant portion of the roof is covered with dark solar panels, arranged in several long, parallel rows. The building's walls are also blue. To the left, another similar building is partially visible. The foreground shows some greenery and palm trees. The image is decorated with geometric shapes: a black and purple hexagon in the top-left corner, a blue hexagon in the bottom-right corner, and a blue line extending from the text box to the solar panels.

Hamza Cotton Mills Ltd. 0.4 MW Solar Project



IFL Factory Ltd.



Lantabur Textile Ltd.

2020/5/14 09:15



M Hossain Spinning Ltd.

Some Valued Customers



PRAN-RFL Group



Some Valued Customers



Some Valued Customers





Thank you