

# A LEADING ENERGY & INFRASTRUCTURE COMPANY

DISTRIBUTED ENERGY | INFRA | SOLAR MODULES | GREEN ENERGY | BIOFUELS



**CORPORATE  
PRESENTATION**

# Who we are



## India's leading diversified Energy, Renewables & Infrastructure Company

**77+ Years**

of Establishment

**~₹6000** (INR Crores)

(USD 750 Mn)  
Annual Revenue

**2500+**

Employees  
Across Locations

**30+**

Offices  
in India

**75000+**

Customers Served  
Globally

**100+**

Channel Partners

**6**

Manufacturing  
Plants

**AA Rated**

A1+ ST and AA- LT Rating  
from CRISIL

**15000+**

Annual Genset  
Manufacturing Capacity

**5+ GWp**

Solar EPC  
Portfolio

**~1.2 GW**

Solar Module  
Manufacturing  
Capacity

**4+ GWp**

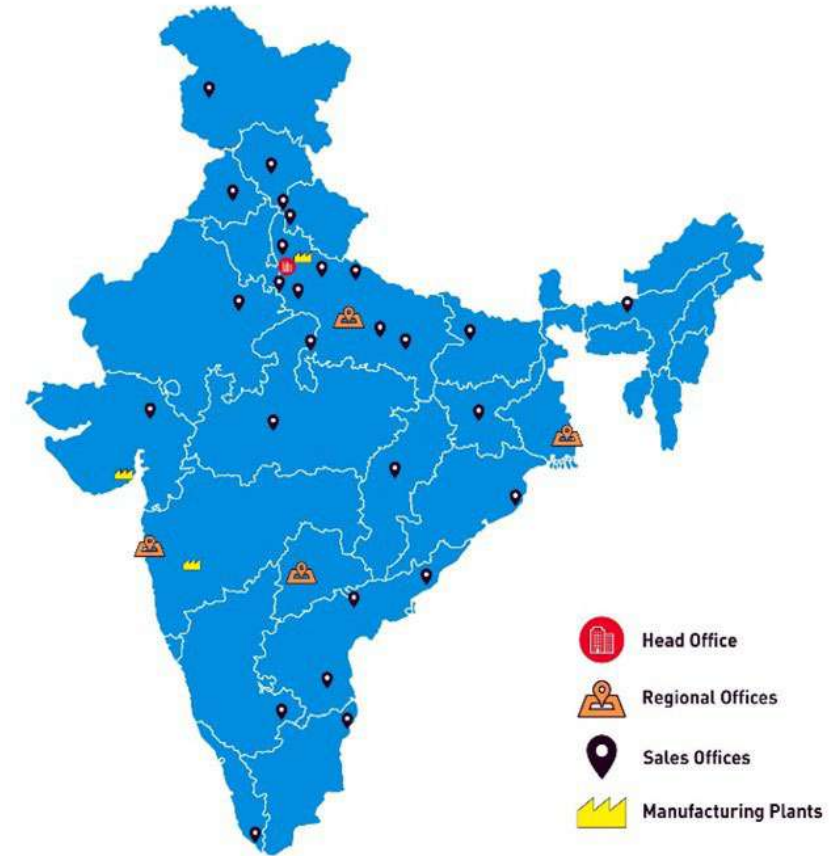
Solar O&M  
Portfolio

**1+ GWp**

Solar IPP  
Portfolio

**150 KLPD**

Bio-Fuels Plant



- Head Office
- Regional Offices
- Sales Offices
- Manufacturing Plants



**International  
Offices**

Nepal Singapore Bangladesh Johannesburg Luxembourg MENA CIS Region





# What We Stand For

## Core Purpose

Enhance the quality of life for all stakeholders by creating a sustainable organization

## Core Values



**Integrity** - Always keeps ones word and follows the policies of the company



**Customer Centricity** - Is passionate about meeting and exceeding the external/internal customer expectations



**Innovation** - Constantly seeks new and creative ways to achieve excellence in all areas



**Teamwork** - Works closely and co-operatively with all stakeholders to achieve the organization's goals effectively



**Care** - Shows respect and empathy to all while upholding the organization's goals



# Our Manufacturing Strength



## **Kalsar, Gujarat** - Genset Manufacturing Plant

- Annual capacity of 12,500 gensets & 35,000 enclosures
- Manufacturing space of 17 acres
- ISO & OHSAS certified



## **Phaltan, Maharashtra** - Genset Manufacturing Plant

- Annual capacity of 2,500 gensets & 4,400 enclosures
- Manufacturing space of 7 acres
- ISO & OHSAS Certified

## **Kalsar, Gujarat**

Genset Manufacturing Plant

## **Phaltan, Maharashtra**

Genset Manufacturing Plant

## **Greater Noida, UP**

BESS Manufacturing Plant  
Solar Module Manufacturing Plant  
Electrolyser Manufacturing Plant

## **Balaghat, Madhya Pradesh**

Bio-fuels Manufacturing Plant



## **Greater Noida, UP** - BESS Manufacturing Plant

- Manufacturing capability from 3kW to 1000+kW and can be further scaled up
- R&D for new energies
- Manufacturing capacity of 250 sets



## **Greater Noida, UP** - Solar Module Manufacturing Plant

- Fully automated plant, spread across 10 acres
- 1.2 GW annual production capacity
- Half Cut Cells, Mono, Bi-facial - 400 to 600 Wp
- Modules with P-type & N-type TOPCon cells
- ISO 9000, ISO 14000, and OHSAS 18000 certified facility



## **Greater Noida, UP** - Electrolyser Manufacturing plant

- 300 MW electrolyser capacity
- Alkaline and PEM technology



## **Balaghat, Madhya Pradesh** - Bio-fuels Manufacturing Plant

- 1G Ethanol
- Capacity-150 KLPD grain based distillery
- Process integration for optimization of energy & water consumption
- 27+ acres manufacturing facility





# Board of Directors – Jakson Group



**SAMEER GUPTA**

CHAIRMAN & MANAGING DIRECTOR  
JAKSON GROUP



**SUNDEEP GUPTA**

VICE CHAIRMAN & MANAGING DIRECTOR  
JAKSON GROUP



**BIKESH OGARA**

MANAGING DIRECTOR & CEO  
JAKSON GREEN



**RAGHAV GUPTA**

MANAGING DIRECTOR  
JAKSON INFRA



**BHARAT GUPTA**

DIRECTOR  
JAKSON SOLAR MODULES & PRODUCTS



**SIDDHANT GUPTA**

DIRECTOR  
JAKSON BIOFUELS



# Board of Directors – Jakson Group



**ANANT TALAULICAR**  
INDEPENDENT DIRECTOR



**DR. SHEFALI RAJ**  
INDEPENDENT DIRECTOR



**JAGJIT SINGH DESWAL**  
INDEPENDENT DIRECTOR



**ATUL SEKSARIA**  
INDEPENDENT DIRECTOR



**GAGAN CHANANA**  
CEO & JT. MD  
JAKSON DISTRIBUTED ENERGY



**KRISHAN KANNAN**  
JT. MANAGING DIRECTOR  
JAKSON GREEN



**ANURAG GARG**  
CEO  
JAKSON SOLAR MODULES & PRODUCTS



**MANISH BHANDARI**  
EXECUTIVE DIRECTOR & CFO  
JAKSON GROUP



# Leadership – Jakson Group



**ANITA MALIK**

CHIEF HUMAN RESOURCE OFFICER  
JAKSON GROUP



**TARUN ANAND**

CHIEF INFORMATION OFFICER  
JAKSON GROUP



**VENKATARAMANA MUUVVALA**

PRESIDENT & CHIEF BUSINESS OFFICER  
JAKSON INFRA



**CHANDAN GOSWAMI**

CHIEF FINANCE OFFICER  
JAKSON GREEN



**SANJEEV KAUL**

EVP & BUSINESS HEAD  
GREEN MOLECULE, JAKSON GREEN



**SANJAY SHRIMOHAN GUPTA**

CHIEF BUSINESS OFFICER  
JAKSON GROUP





# Our Growth Story - Innovation & Diversification





# 77+ Years of Legacy



# Jakson Group: Mission 2027



**15,000+ Cr**  
of Topline



Increase Footprint in Renewable Space

- **Hydrogen & Green Ammonia**
- **Solar IPP**
- **Waste to Energy**



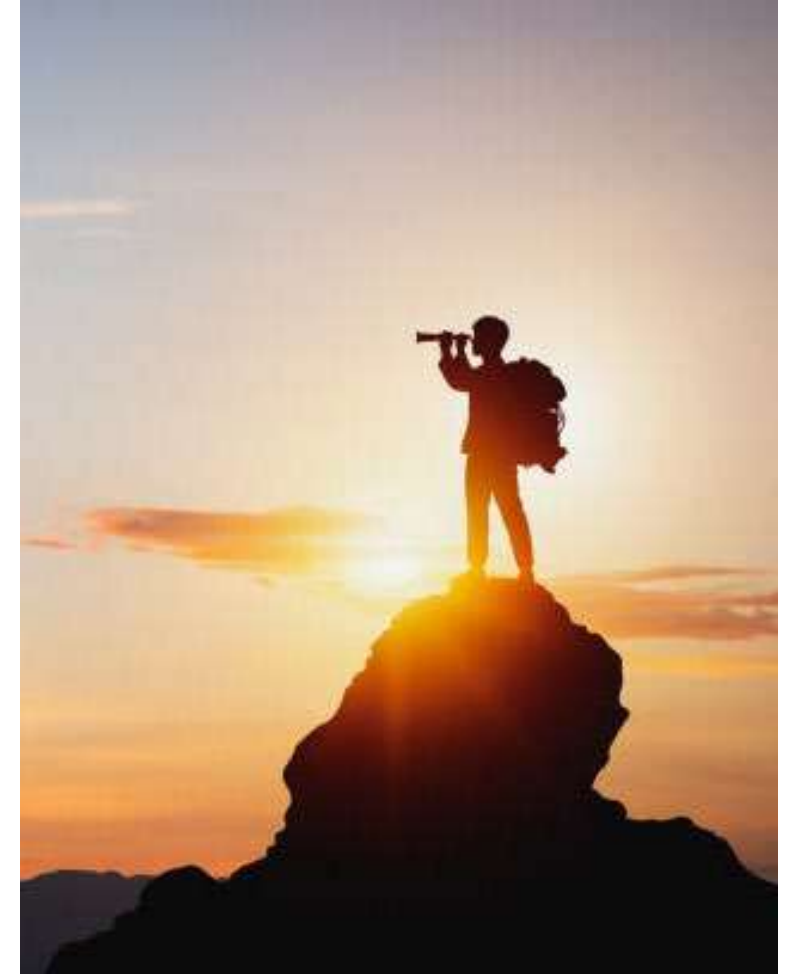
Strengthen Manufacturing Capacity for

- **Electrolysers**
- **Biofuels & CBG**



Boost Infrastructural Portfolio for

- **Electrical, Water & Civil Infra Projects**





# Our Energy & Infra Spectrum



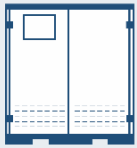
## Distributed Energy



Generator Sets



Solar Rooftop



Hybrid & Energy Storage



Energy Solutions for Defence Applications

## Infra & EPC



Electrical EPC

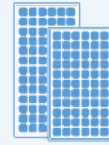


Civil & Infrastructure



Water EPC

## Solar Modules & Products



Solar PV Module



Solar Inverters

## Green Energy & Renewable



Utility Scale Solar-Storage



Utility Scale Hybrids



Green Hydrogen Green Ammonia



Electrolysers and Fuel Cells



New Energy Themes

## Bio-Fuels



Ethanol



Compressed Bio Gas



# DISTRIBUTED ENERGY BUSINESS



**Generator Sets**



**Solar Rooftop**



**Hybrid & Energy Storage**



**Energy Solutions for  
Defence Applications**





# Generator Sets

## Diesel Generator Sets:

- LHP/MHP/HHP genset range from 7.5 kVA to 3750 kVA
- High fuel efficiency
- Low emission levels with latest CPCB IV+ compliant gensets

## Gas Generator Sets:

- Genset range up to 2000 kVA
- Quality, durability, efficiency & compact design

## Diesel & Gas Generator Sets:

- System design, equipment supply, turnkey project execution
- Operation & maintenance services

## International Business:

- Country distributor in Bangladesh for Cummins Powergen, Marine Engines, Cummins Spares, Hyster Material Handling & Valvoline Oil
- Presence in Bhutan and Nepal



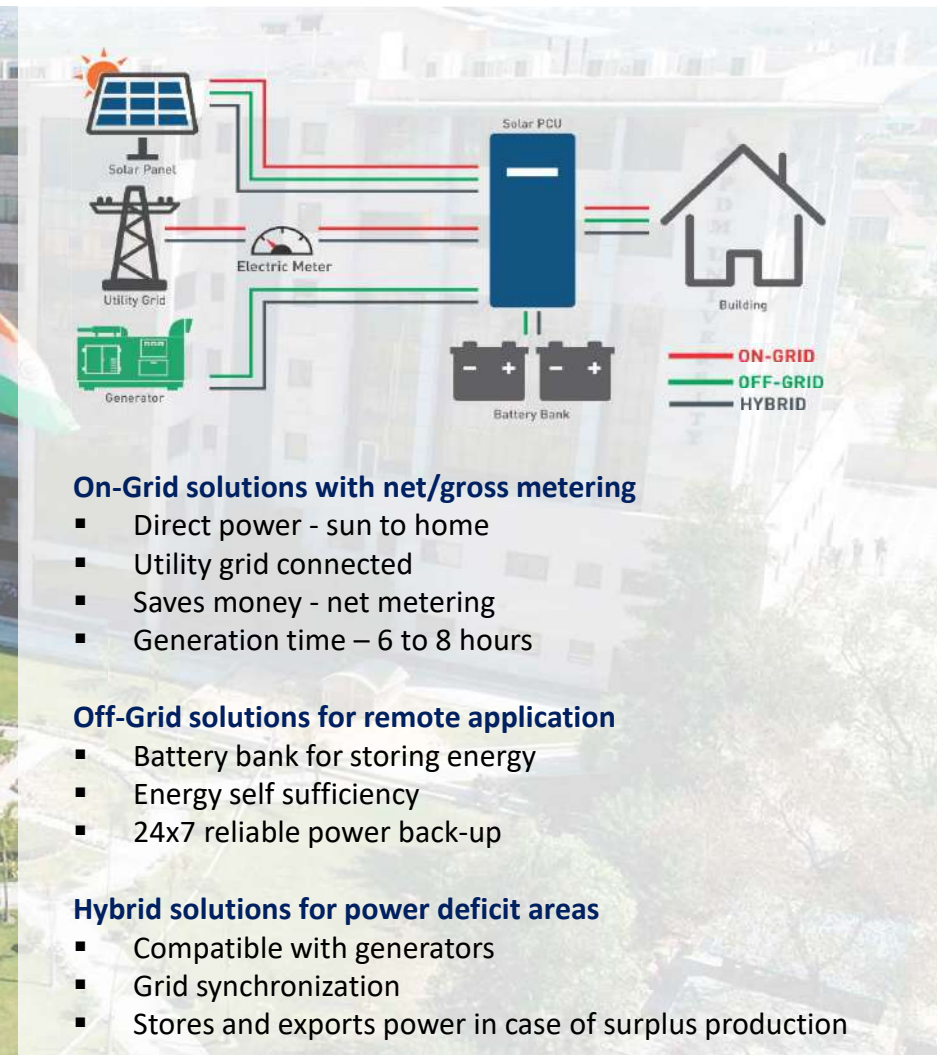


# Solar Rooftop



**150+ MW**  
Rooftop Portfolio

**~1.2 GW**  
Annual Module Manufacturing Capacity





# Hybrid & Energy Storage – 3 kW to MW Scale



## Turnkey Storage Solutions:

- Lithium-based Battery Storage Solutions



## Hybrid Energy Solutions:

- Combination of Solar, DG Sets and Battery Storage Systems



## Micro Grids

- Renewables & DG-based Micro Grid Solutions



# Energy Solutions For Defence Applications



## Special Application Generating Sets:

- MIL grade gensets for use in extreme weather conditions
- Customized application specific gensets

## Ground Power & Auxiliary Power Units

- Customized energy supply units for varied uses of Defence forces

## Repowering Solutions

- Indigenous repowering solutions for Defence Armoured Vehicles & Gun Systems



Arjun ARR V



BMP Tank



Dhanush Gun



Special Application Gensets



Ground Power Units



Auxiliary Power Units





A collage of four images: top-left shows high-voltage power lines against a sunset sky; top-right shows a city skyline at dusk; bottom-left shows a close-up of several high-voltage power towers; bottom-right shows a complex multi-level highway interchange at night with light trails from cars.

# INFRA BUSINESS

**Electrical | Civil Infra | Water Distribution**





# Electrical EPC



## Substations

- AIS substations - 132kV, 220kV, 400kV & 765kV
- GIS substations - 132kV, 220kV & 400kV

## Distribution Networks

- Rural & Urban Electrification Projects
- OHE & Underground Cabling

## Transmission Projects

- 132 kV to 400 kV Transmission Lines

## Railway & Metro Projects

- Civil & Track Works
- Electrification
- Signaling

## Building Electrification

- E&M works - External/ Internal Electrification, Transformers, HV/LV Panels, etc.
- Data Centers, Commercial & Industrial, Manufacturing Plants





# Civil Infrastructure

## Water Distribution

- Implementation of various rural water supply projects comprising of tube well / intake well, WTP, rising/ pressure mains, CWRs, overhead tanks, distribution pipe networks, individual house connections, public stand posts, retrofitting etc.

## Government Buildings & Commercial Complexes

- Civil design & engineering
- Construction using state-of-the-art technologies and equipment

## Highways, Roads & Bridges

- Engineering & Construction
- Build Operate Transfer (BOT) Model
- Hybrid Annuity Model (HAM)





# SOLAR MODULES & PRODUCTS BUSINESS



Solar PV Modules | Solar Products





# Solar Modules (Mono Perc)







MONO-FACIAL  
SOLAR PV MODULES  
400-600 Wp

P-Type Monofacial



Best-in-class Efficiency  
Up to 21.50%



BI-FACIAL GLASS TO  
TRANSPARENT BACKSHEET  
SOLAR PV MODULES  
400-555 Wp

P-Type Bifacial

MBB Technology  
M10 Half Cut Cells

- Enhanced power generation using PERC technology
- Improved temperature coefficient
- Reduced resistive loss with MBB technology
- Excellent performance under partial shading conditions
- Lower LCOE for faster return on investment



# Solar Modules (N-type TOPCon)



Higher Bi-faciality factor, up to 80%

Excellent durability and superior warranty

100% Inline Hi-Pot and EL Testing at 3 Stages

Low Light-Induced Degradation (LID)



\*\*

*Best-in-class Efficiency*  
**Up to 21.86%**

*MBB Technology*  
**M10 – 16BB**

**Up to 25% Bi-facial  
gain from rear side**

\*Applicable on Bifacial Glass to Glass

\*\* Certifications Under Process





# On-Grid Solar Inverters



- Higher Efficiency
- Multiple Maximum Power Point Tracking (MPPT)
- Monitoring and Data Analysis
- Compact and Lightweight Design
- Smart Air Cooling
- RMS (Inbuilt Wi-Fi)/GPRS
- Display - OLED/LED with Touch Button
- Max DC Overloading - up to 50%
- Inbuilt DC Switch
- 25 Years Remote Monitoring



# GREEN ENERGY & RENEWABLE BUSINESS



**New Energy  
Investments**



**Green EPC &  
O&M**



**Electrolysers &  
Fuel Cells**





# Our Presence



Jakson Green is the new energy transition platform backed by Jakson Group.



1+ GW Solar IPP



5+ GW Solar EPC



Headquartered in India, EMEA region led from Dubai; rest of Africa led from base in South Africa



Upcoming presence in Latin America and APAC



# What We Offer



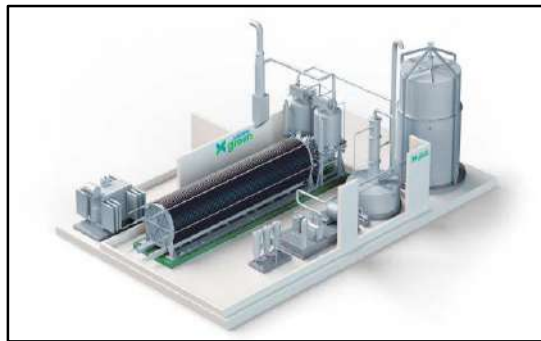
**Utility Scale Solar-Storage**  
Turnkey and BOP EPC solutions



**Utility Scale Hybrids**  
Turnkey and BOP EPC solutions, Niche IPP in partnership  
with leading wind turbine technology players



**Green Molecules**  
Turnkey Integration, Electrolysers, Project  
Development & Asset Management



**Electrolysers and Fuel Cells**  
Manufacturing and technology offerings in  
the new energy space



**New Energy Themes**  
Turnkey and BOP EPC solutions, Niche IPP in the CBG,  
Biomass, Waste-to-energy, Gasification and Green Silica space





# Jakson Green's Roadmap for 2030

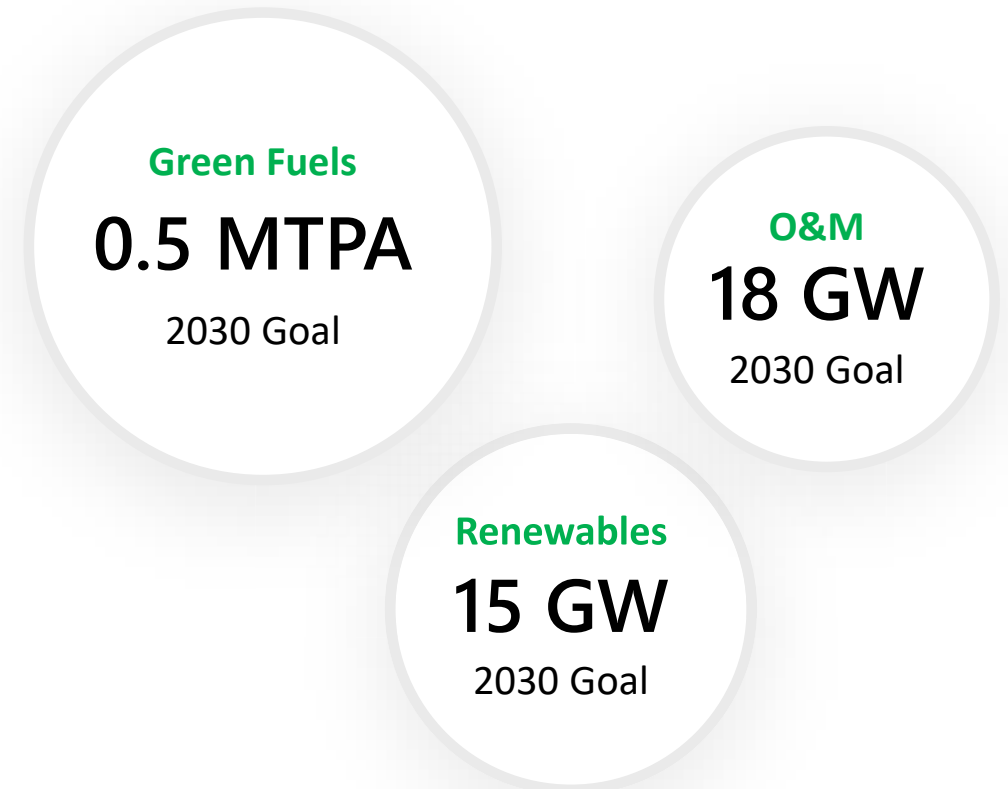


## Key Strengths:

- Management team with cumulative 40 GW of renewables experience across 26 countries
- Solid EPC order book of nearly 5 GW in India and MENA, CIS regions
- Over 8500 TPA Green Hydrogen & derivatives plants
- Executing 6 marquee Power-to-X projects

## Future Vision:

- Jakson Green aims to be a 15 GW renewables platform by 2030
- Be a real assets development led infrastructure platform with focus on India and select global markets by 2025
- Be a leader in “Made-in-India-for-the-world” electrolyzers by 2025, and scale to a Giga factory in India by 2026-27



# BIOFUELS BUSINESS







Jakson Group is expanding its Bio-fuels capacity, starting with the first project in Madhya Pradesh

Key highlights of the project are:



1G Ethanol Plant



Capacity-150 KLPD  
Grain Based  
distillery



Project  
Commencement Year  
2024



Balaghat, Madhya  
Pradesh



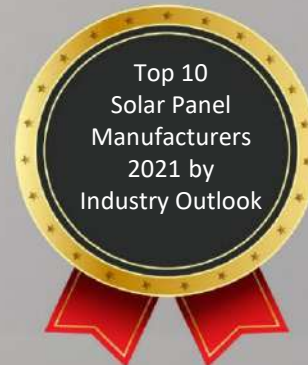
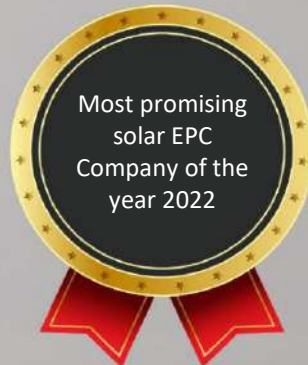
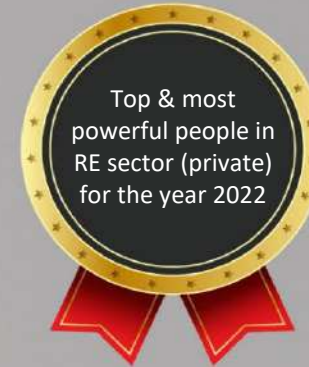
Process Integration for  
Optimization of Energy &  
Water Consumption



27+ Acres  
Manufacturing  
Facility



# Awards & Recognitions





# Key Clients



## Government



## Automobile



## Infrastructure



## Consumer & Health Care

Dr.Reddy's



## Tech



## E-commerce & Retail



# ESG at Jakson Group



The term ESG is often used interchangeably with the term sustainability and corporate responsibility. At Jakson Group, the scope of topics covered by ESG includes, the following:

## Environmental

Responsible management of natural resources



Platinum LEED-certified Green Office Spaces



Plastic Free Office Spaces



Energy Management



Waste & Water Management Initiatives



Manufacturing Operational Eco-Efficiency

## Social

Promotion of human rights, consumer protection & social wellbeing



Human Capital Development



Talent Management



Safe working environment



Employee wellness initiatives



CSR & Community



Privacy & Data Security

## Governance

Carrying out business operation in a fair & ethical manner



Independent Board



Big 4 auditors



Disclosures to Stakeholders



Legal Compliances & Transparency

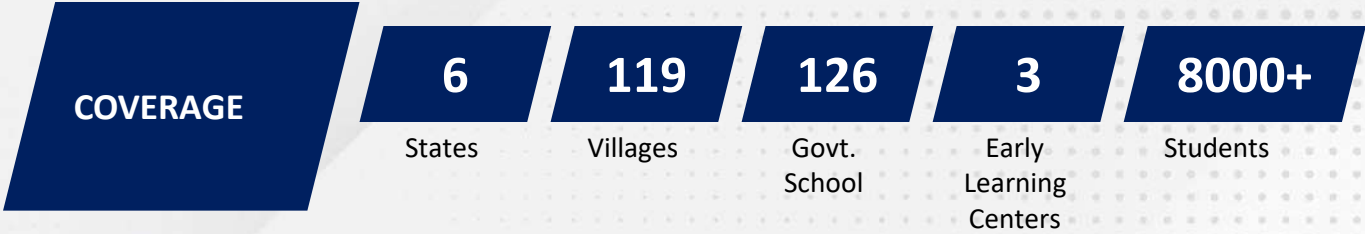


Adherence to ISO 9000, ISO 14000 and ISO 18000 certifications

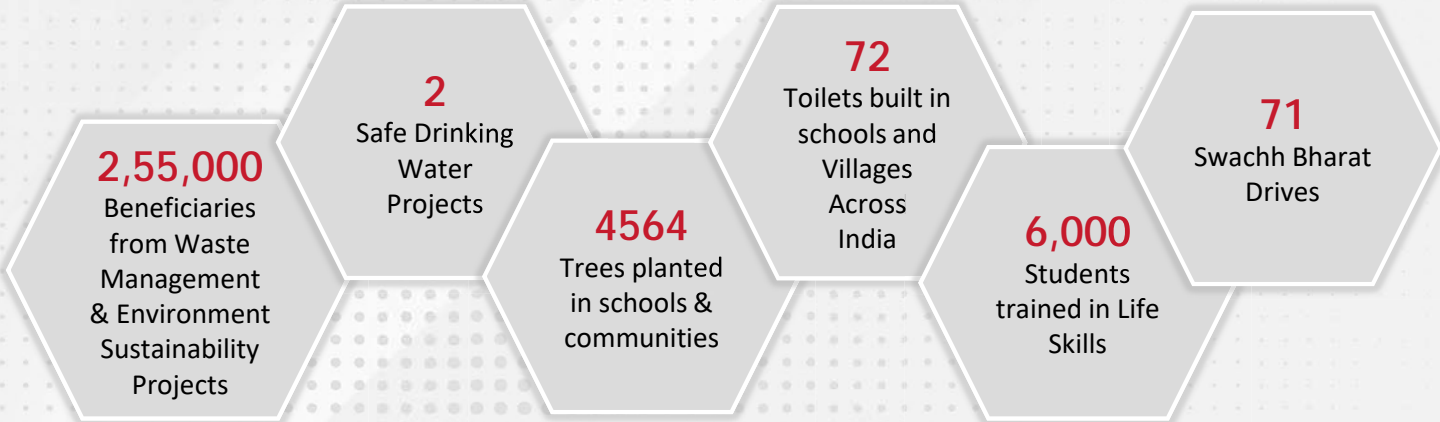




# CSR at Jakson Group



## IMPACT







# THANK YOU

**JAKSON GROUP**

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