**KPI GREEN ENERGY LIMITED** 



(Formerly known as K.P.I. Global Infrastructure Limited) CIN: L40102GJ2008PLC083302

#### KPI/MAT/OCT/2023/423

**BSE Limited** Phiroze Jeejeebhoy Towers, Dalal Street, Mumbai - 400 001 Date: October 24, 2023

National Stock Exchange of India Limited Exchange Plaza, Bandra Kurla Complex, Bandra (E), Mumbai - 400051

Scrip Code: 542323

Symbol: KPIGREEN

Dear Sir/Madam,

#### Sub.: Investors' presentation

Pursuant to Regulation 30 of the Securities and Exchange Board of India (Listing Obligations and Disclosure Requirements) Regulations, 2015 (the "Listing Regulations") read with Schedule III of the Listing Regulations and in continuation to our letter, bearing ref. no. KPI/MAT/OCT/2023/421 dated October 23, 2023, we are enclosing herewith the investors' presentation.

The said information is also being made available on the website of the Company at <u>https://www.kpigreenenergy.com/financials.html</u>

Thanking you,

Yours faithfully,

For KPI Green Energy Limited (Formerly known on K.P.I. Global Infrastructure Limited)

Moh. Sohil Yusuf Dabhoya Whole Time Director DIN: 07112947

 Reg. Office: 'KP House', Opp. Ishwar Farm Junction BRTS, Near Bliss IVF Circle, Canal Road, Bhatar, Surat - 395017, Gujarat, India.
 NSE BSE Listed Company

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## **KPI Green Energy Limited Investor Presentation**

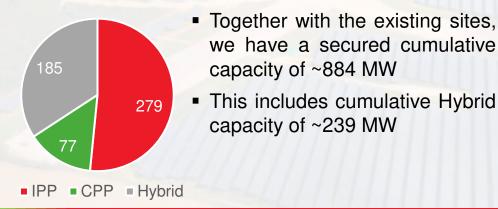
October 2023

### **Company Overview**



- We are one of the leading Gujarat based renewable power generating company, operating both as an Independent Power Producer (IPP) and Captive Power Producer (CPP)
- In Gujarat, we are one of the market leaders for solar energy by way of third-party sales
- With a dedicated team of experts at the helm, we constantly optimize our power plants to deliver uninterrupted and reliable renewable energy to our clients
- Our total Project Sites: 25
- Our total Employee Strength: 240+ full time employees

#### Current Order Book Profile (~541 MW)



### **Key Financial Metrics on a Consolidated Basis**

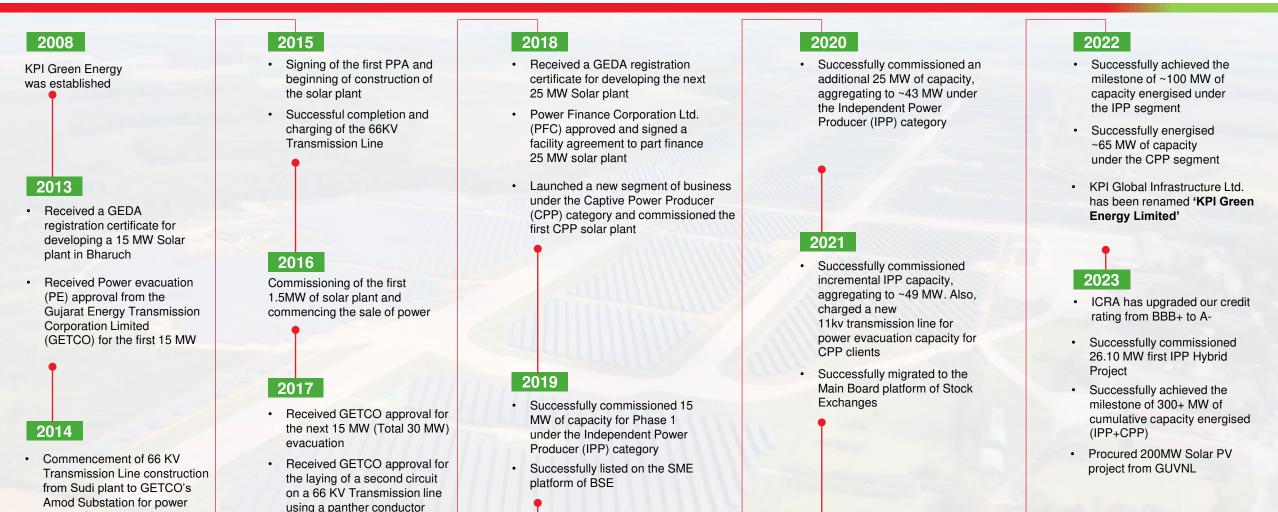
	Particulars		FY2021	FY2022	FY2023	H1 FY2024
	Total Capacity	MW	58	165	312	343
	IPP	MW	49	100	137	141
	CPP	MW	9	65	175	202
	Total Income	INR Cr	103.9	231.5	647.0	406.5
	% growth y-o-y	%	74.5%	123.7%	179.5%	
	IPP Revenue Share	%	46.4%	24.9%	14.6%	17.8%
	IPP EBITDA Margin	%	79.2%	75.1%	73.9%	76.4%
	CPP Revenue Share	%	47.9%	72.7%	84.7%	81.4%
	CPP EBITDA Margin	%	48.9%	36.6%	25.3%	25.8%
	Blended EBITDA	INR Cr	64.0	110.4	211.2	142.5
, Э	Blended EBITDA Margin	%	61.6%	47.7%	32.6%	35.1%
	PAT	INR Cr	14.3	43.2	109.6	68.0
ł	PAT Margin	%	13.8%	18.7%	16.9%	16.7%
	ROCE <sup>(1)</sup>	%	13.6%	19.6%	24.2%	12.5% <sup>(2)</sup>
	ROE <sup>(3)</sup>	%	12.8%	28.1%	42.5%	20.9% <sup>(2)</sup>
	DER	times	2.1x	2.2x	2.0x	2.0x

<sup>(3)</sup> ROE – PAT/ Net Worth

### **KPI Green Energy Journey**

evacuation





### **Revenue Model**



	<ul> <li>Develops and maintains grid-connected solar power projects as IPP and generates revenue by selling power units generated from our solar plants through Power Purchase Agreements (PPAs)</li> </ul>	Unit generation growth under IPP (Units = kWh)		
IPP (Independent Power Producer)	<ul> <li>with reputed business houses</li> <li>Currently carried out at sites located in Sudi, Samiyala, Tanchha, Bhimpura, Kurchan, Muler and Vedcha villages of Bharuch district, Gujarat</li> <li>Total projects completed under IPP: ~141 MW (DC)</li> </ul>	FY16       0.02 Cr. Units         FY17       0.61 Cr. Units         FY18       1.31 Cr. Units         FY19       1.87 Cr. Units         FY20       4.62 Cr. Units         FY21       7.94 Cr. Units         FY22       10.39 Cr. Units         FY23       14.78 Cr. Units         H1FY24       7.23 Cr. Units		
CPP (Captive Power Producer)	<ul> <li>Develops, transfers operates and maintains grid-connected solar power projects for CPP customers and generates revenue by selling these projects to CPP customers for their captive use requirements</li> <li>Completed CPP sites in Sudi, Bhimpura, Kurchan, Muler, Ochchan, Jhanor, Bhensali, Vagra and Vedcha villages of Bharuch district, Gujarat</li> <li>KPI Green Energy develops solar power projects on behalf of CPP customers by entering into a turnkey agreement enabling CPP customers to not only use a common pool of grid-connected land to establish and generate solar power, but also provide ready-made common infrastructures to evacuate power, using our transmission line from solar plants to the nearest GETCO Substation</li> <li>Long term O&amp;M contract in line with PPA term</li> <li>Total projects completed under CPP: ~202 MW (DC)</li> </ul>	Capacity Energized till H1FY24 (~343 MW)		

### **Project Execution Process**





### **Project Evaluation**

- Land and Site Collection assessing factors like solar and wind resource potential, land availability, environmental impact, and proximity to requisite electrical infrastructure
- Feasibility study technical, financial and regulatory
- Energy Sales & Offtake Arrangements
- Financing and Funding



### **Project Execution**

- Designing and Engineering develop detailed project plans, including the solar/wind array layout, electrical system design, and structural considerations
- Procurement negotiating commercial and technical terms
- Construction Management ensure design specification, safety standards and timelines
- Grid Interconnection

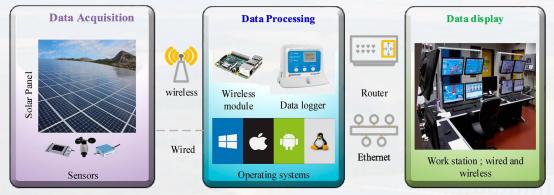


#### Project Monitoring and Controlling

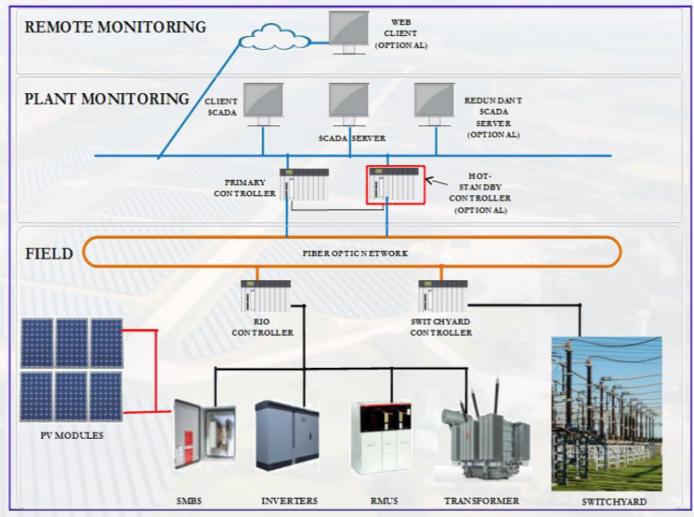
- Operation and Maintenance including monitoring system performance, scheduling routine maintenance
- Risk Management assess and manage project related risks inter alia risk relating to weather, equipment failures
- Stakeholder Engagement
- Monitoring and Reporting track energy production data

### **O&M** Capabilities



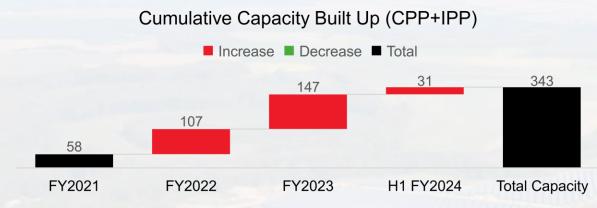


- Professional team of ~75 members to look after O&M
- Monitoring energy production at each level, effective data interpretation, Trending and Analytics for continuous improvement, preventive maintenance, fault restoration and Spare parts and inventory management
- Entire O&M is carried out using advanced digital technology through SCADA (Supervisory Control And Data Acquisition) System which collects data remotely, presents on screen in the form of dashboard and also stores for future analysis
- High resolution CCTV cameras systems are used to carry out plant surveillance and record videos for future use
- Customized Robotic System deployed for efficient and waterless cleaning of solar panels



### **Strong Execution Capabilities**





**Current Capacity + Order Book = ~884 MW Secured Capacity** 

## ~15yrs Renewable Energy Expertise

	25 sites with ~1,205 MW Cumulative Power Evacuation Capacity	×	Order Book: ~541 MW
	~1,670 Acres of land bank (Owned + Leased)		~7.23 Cr units of power generated in H1 FY24
昭	Equipment expertise		Comprehensive O&M Support

#### Summary of Key Projects already commissioned

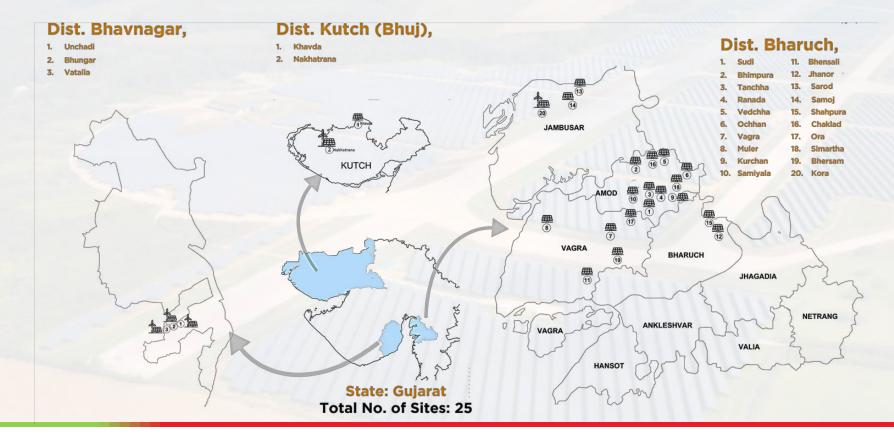
Client	Capacity (MW)	Type of Project	COD Date*
Sudi Project	~66.2 MW	IPP-Solar	Over CY 2016-21
Greenlab Diamonds	~34.4 MW	CPP-Solar	Jan - June 2023
Bhungar Project	~26.1 MW	IPP-Hybrid	Apr 2023

#### Summary of Key Projects under execution

Client	Capacity (MW)	Type of Project	Location	
Ayana	~145.2 MW	CPP-Hybrid	Wanki	
Renewable Anupam Rasayan	~40 MW	CPP-Hybrid	Vagra	
GUVNL	~240 MW	IPP- Solar	Khavda	

### **Project Sites**

- The Government of Gujarat is now actively working to harness the State's substantial RE potential of ~36 GW of solar capacity and ~143 GW wind capacity. And has set a target of achieving ~100GW of renewable energy capacity by 2030. This will make Gujarat a leader in renewable energy development in India<sup>(1)</sup>
- KPI Green Energy is a leading Solar player and one of the market leaders for solar energy by way of third-party sales in Gujarat



- We are in the process of diversifying to other solar sufficient states
- We have recently signed a memorandum of understanding (MoU) with Mahatma Phule Energy Renewable and Infrastructure Technology (Mahapreit), Limited а subsidiary of Maharashtra's MPBCDC, to work on various centered projects around renewable energy



### **Key Strengths**



Strong Pipeline and large land bank ~541 MW of Orders in Hand (including IPP, CPP, Hybrid) and GUVNL Tender Land bank of ~1,670 Acres with evacuation approval of ~1,205 MW

## Established track record of strong execution capabilities

~343 MW Capacity energized till H1 FY24. Strong client base with long-term PPA contracts

#### **Industry Potential**

Indian Solar market is expected to add additional ~130-140GW over fiscal 2024-2028 Product innovation through use of key technologies to augment efficiency Building Hybrid capability, augmenting potential through technology – Robotics cleaning, bifacial solar panels, tracker-based structures, Drone and thermal imaging

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#### Professional and experienced leadership team

Experienced team headed by Dr. Faruk Patel. Also benefits from the supervisory board comprising of Industry experts

#### Robust Operational and Financial Metrics

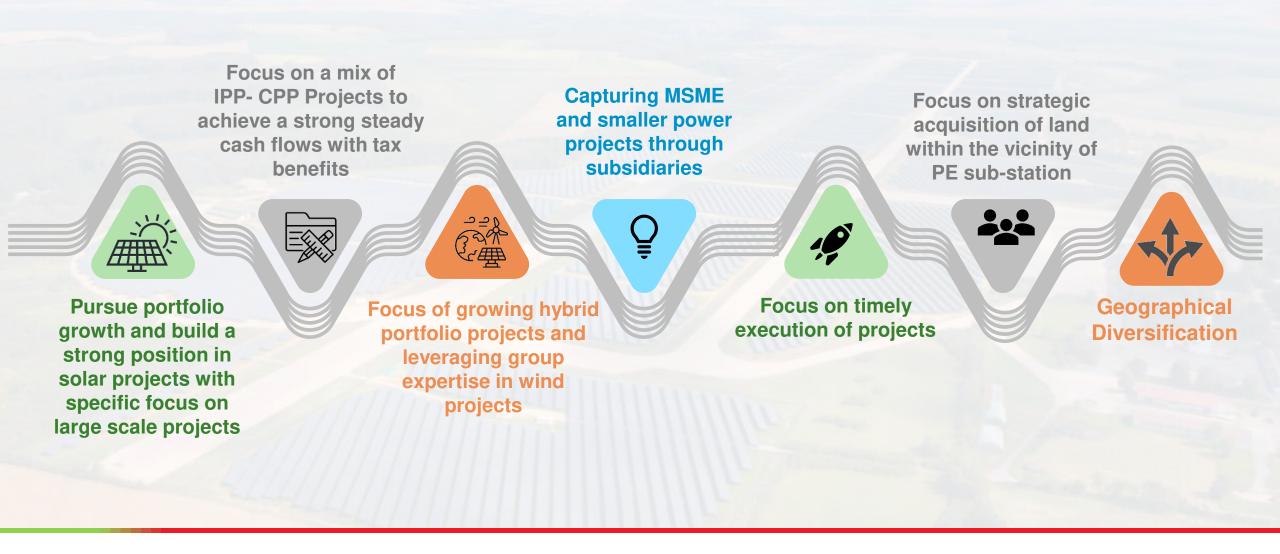
6x income growth over FY21-23, 30%+ EBITDA margins, ROCE ~24% in FY2023

#### **DISCOM linked PPA rate**

Our PPA rates are linked to DISCOM rates, and these are long term contracts

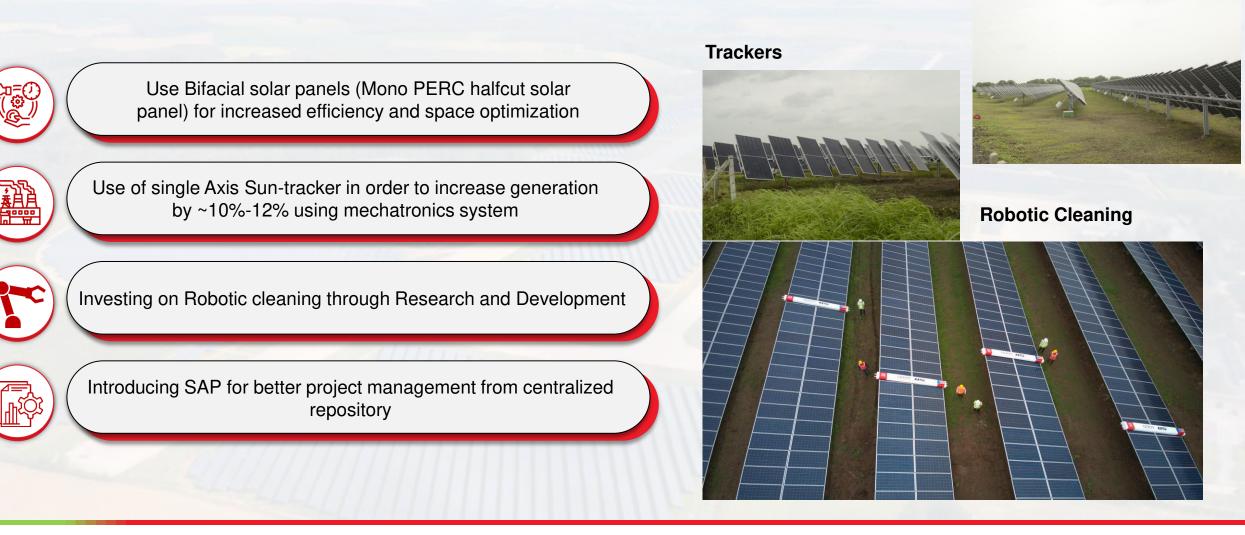
### **Key Strategies**





### **Technological Advancement**





## **Project Site Pictures**





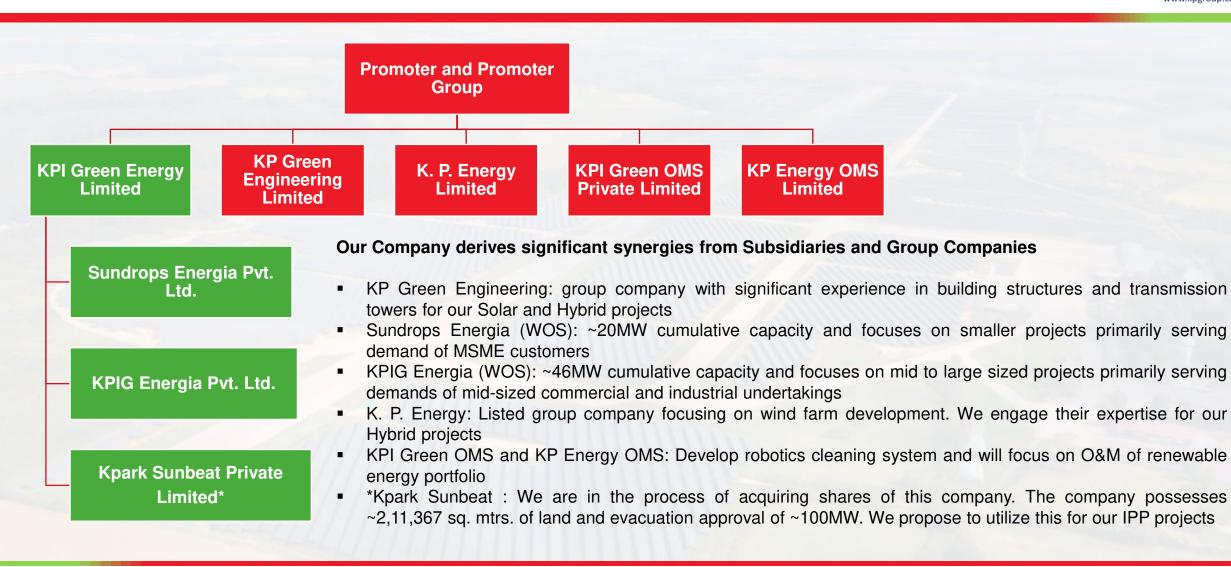


### Select Completed Projects under IPP and CPP

Name of Client	Type of Project
UPL	IPP
Meghmani Organics	IPP
L&T	IPP
Tata Motors Passengers Vehicles	IPP
Jamnagar Air Force Station	IPP
China Steel Corporation	IPP
Aether Industries	CPP
Colourtex Industries	IPP + CPP
Anupam Rasayan	CPP

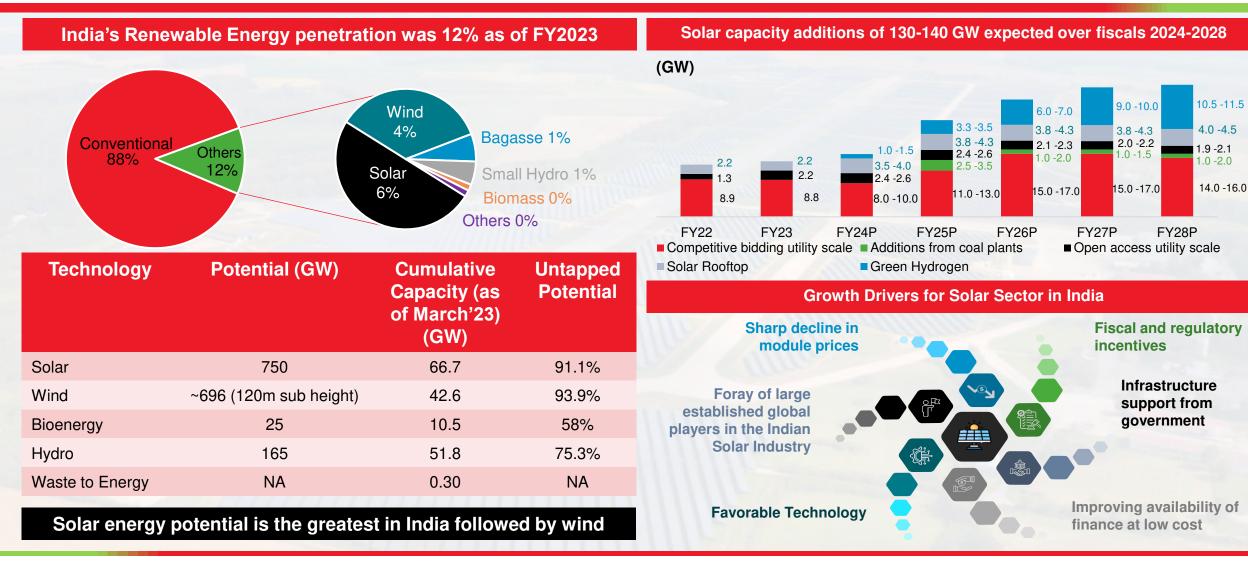
## Synergies within some of our Promoter Group Companies





### **Renewable and Solar Sector in India**





### Key Pillar – Leadership Team





**Mr. Shaheedul Hasan** Chief Operating Officer



Dr. Faruk G Patel Chairman and Managing Director



Mr. Moh. Sohil Dabhoya Whole Time Director



Mr. Salim Yahoo Chief Financial Officer



Mrs. Bhadrabala Joshi Non - Executive Director



Mr. Sharadchandra Patil Independent Director



Mr. Manish Sayata Chief People Officer (CPO)



Mrs. Venu Birappa Independent Director



Mr. Shanker Baheria Independent Director



Mr. Chandravadan Raval Vice President - Projects



Mr. Moh. Hanif Dalchawal Independent Director



Mr. Afzal Malkani Non-Executive Director



Ms. Rajvi Upadhyay Company Secretary & Compliance Officer

### **Awards and Recognitions**





# Plant Size in MW (AC): ~200 MW

**About GUNVL Project** 

- Expected annual generation of units (assuming 27% CUF AC): ~47.30 Cr
- \*Estimated Project Cost per MW : INR 4.50 4.75Cr
- \*Estimated Project Cost : INR 900 950Cr
- Estimated Debt share: 70%
- Total Debt Tenure (incl. Moratorium of 2yrs): 18 years
- Expected project completion period: within 21 months from the date of execution of PPA

#### \* Based on Management estimates

#### Location Site for Project Development







### **Annexure: Income Statement**



INR Crore	FY2021	FY2022	FY2023	H1 FY2024
Total Revenue	103.9	231.5	647.0	406.5
Expenses:				
Cost of Material Consumed	22.6	91.4	379.7	212.1
Purchases of stock-in trade	2.7	3.4	4.5	2.0
Changes in inventories of finished goods, work-in-progress and stock-in trade	(0.8)	(0.7)	(2.2)	(0.6)
Employee benefit expense	1.7	4.3	8.1	5.3
Finance costs	25.1	36.9	46.8	38.2
Depreciation and amortisation expense	16.5	14.1	22.6	19.1
Other expenses	13.6	22.7	45.3	45.1
Total expenses	81.3	172.0	504.7	321.3
Profit before exceptional and extraordinary items and tax	22.6	59.5	142.4	85.2
Exceptional items	0.1	0.1	0.5	-
Profit before extraordinary items/prior period items and tax	22.5	59.4	141.9	85.2
Extraordinary items/ prior period items	-	-	-	-
Profit before tax	22.5	59.4	141.9	85.2
Tax expenses	8.2	16.1	32.2	17.2
Profit/loss for the period from continuing operations	14.3	43.2	109.6	68.0

### **Annexure: Balance Sheet**



INR Crore	FY2021	FY2022	FY2023	H1 FY2024
ASSETS				
(1) Non Current Assets				
(a) Property, Plant and Equipment	315.1	481.3	800.4	858.6
(b) Capital Work in Progress	21.0	31.3	0.3	3.3
(c) Other Intangible Assets	0.2	0.3	0.3	0.3
(d) Financial Assets				
(i) Investments		-	1.5	1.5
(ii) Loan			-	-
(iii) Other Financial Assets	2.1	2.2	7.8	7.7
(e) Deferred tax assets (Net)			-	-
(f) Other Non-Current Assets	0.2	0.2	0.2	0.2
Total Non- Current Assets	338.6	515.3	810.4	871.5
(2) Current Assets				
(a) Inventories	40.3	106.7	165.0	122.1
(b) Financial Assets			-	-
(i) Investments			-	-
(ii) Trade Receivable	49.9	36.8	146.7	203.0
(iii) Cash and Cash Equivalents	6.1	6.4	13.0	8.0
(iv) Bank Balances other than (iii) above	15.6	19.2	39.4	79.2
(v) Loans	0.3	0.2	0.5	6.9
(vi) Other financial assets	0.2	1.3	1.6	0.5
(c) Other Current Assets	29.9	91.5	78.3	105.8
Total Current Assets	142.2	262.0	444.5	525.5
TOTAL ASSETS	480.8	777.3	1,255.0	1,397.0

INR Crore	FY2021	FY2022	FY2023	H1 FY2024
EQUITY AND LIABILITIES				
(1) Equity				
(a) Equity Share Capital	18.1	18.1	36.1	36.1
(b) Other Equity	94.2	135.7	221.8	288.8
(c) Minority Interest		-	-	-
Total Equity	112.3	153.7	257.9	325.0
(2) Non-Current Liabilities				
(a) Financial Liabillities				
(i) Borrowings	208.4	289.3	409.1	436.6
(ii) Lease Liabilities	79.1	109.6	154.3	178.6
(iii) Other financial liabilities	0.5	0.5	0.5	0.5
(b) Provisions	0.2	0.5	0.4	0.4
(c) Other non-current liabilities			-	-
(d) Deferred tax (net)	24.7	40.8	62.7	75.4
Total Non-Current Liabilities	312.9	440.7	627.0	691.4
(3) Current Liabilities				
(a) Financial Liabilities				
(i) Borrowings	29.3	47.6	112.0	222.6
(ii) Trade Payables	21.8	46.8	227.4	121.9
(iii) Other Financial Liabilities	4.5	2.0	8.8	17.8
(b) Other Current Liabilities		86.5	18.7	13.7
(c) Provisions		0.0	0.0	0.0
(d) Current tax liabilities			3.1	4.5
Total Current Liabilities	55.6	182.9	370.0	380.7
TOTAL EQUITY AND LIABILITIES	480.8	777.3	1,255.0	1,397.0

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