

Forward Looking and Cautionary Statement



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Q2 FY24 Highlights

Operational & Financial Performance

Segment Wise Performance

Safety & Sustainability

Business Environment

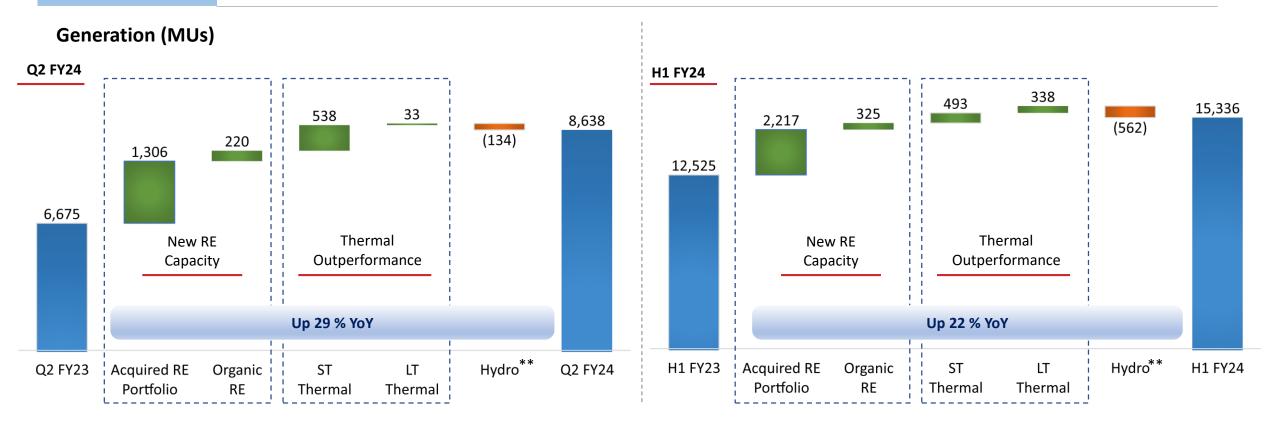
Appendix

Q2 FY24 Highlights (1/2)





- Overall Net Generation: Up by 29% YoY at 8.6 BUs driven by strong merchant sales, organic RE capacity additions and contribution from acquired* RE portfolio
- Net renewable generation is up by 47% YoY at 4.4 BUs and total thermal generation is up 15% at 4.3 BUs
- Net Long Term Generation: Up by 22% YoY driven by higher generation at Ratnagiri (Unit-1) and RE capacity additions



Q2 FY24 Highlights (2/2)





Consolidated Financial Performance

Company reported highest ever quarterly EBITDA

- EBITDA at ₹2,008 Cr and reported PAT of ₹850 Cr, both increased 83% YoY; Cash PAT stood at ₹1,180 Cr
- On a sequential basis, EBITDA increased 54% while PAT increased 2 folds
- Receivables (excl. acquired RE portfolio and hydro true-up) improved 10% YoY while DSO stood at 56 days; healthy
 collection trend sustained
- Best in class Balance Sheet: Net Debt to Equity at 1.2x, Net Debt to (Proforma TTM) EBITDA at 4.6x, Net Debt to Normalised EBITDA (excl. CWIP) at 3.3x. Cash & Cash Equivalents¹ at ₹3,291 Cr



Signed MoUs with JSW Steel for providing RE Solutions progressively by 2030

- o Generation capacity of ~6.2 GW and Energy Storage projects of ~2.7 GWh
- o 85,000-90,000 TPA of Green H₂ and 7,20,000 TPA of Green O₂, with associated RE power solutions



Project Progress

- 2.1 GW Wind projects: (i) SECI X project under progress with part CoD received for 216 MW as of Sept'23 (ii) WTG erection & balance of plant works in-progress for SECI IX and Group Captive plant
- 240 MW Kutehr HEP: (i) ~99% tunneling completed (~96% in Q1 FY24) (ii) Power house and control room concreting 55% complete



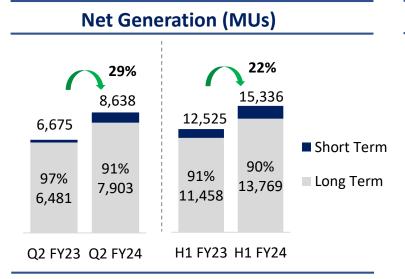
Acquired Assets

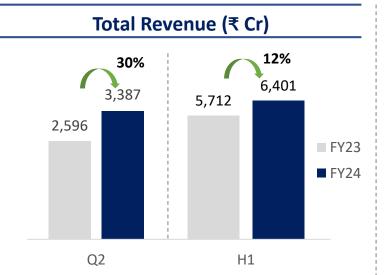
- Ind-Barath TPP: Unit 1 Boiler light up and critical piping steam blowing activity completed, expected commissioning in the current quarter. Unit 2 revival activity in progress, expected commissioning in Q4 FY24
- Acquired RE Portfolio: Generation increased 27% YoY resulting in EBITDA of ₹ 557 Cr



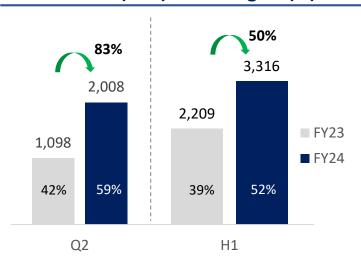
Consolidated Performance



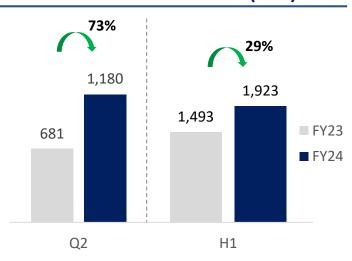




EBITDA (₹ Cr) and Margins (%)



Cash Profit After Tax (₹ Cr)



Strong EBITDA and Cashflow generation from Long-term portfolio

Operational Highlights

- Overall Net Generation: Up by 29% YoY at 8.6
 BUs driven by acquired RE portfolio and higher
 thermal generation, partly offset by lower
 generation at Hydro assets
- Net Renewable Generation: Up by 47% YoY at 4.4
 BUs due to organic RE capacity additions and contribution from acquired RE portfolio
- Net Long Term Generation: Up by 22% YoY

Financial Highlights

- Total Revenue: increased 30% YoY to ₹3,387 Cr due to incremental revenue from RE assets and higher merchant sales
- EBITDA at ₹2,008 Cr in Q2 FY24 was up 83% YoY due to contribution from RE assets, strong thermal merchant volumes and positive hydro true-up impact
- PAT increased 83% YoY to ₹850 Cr and Cash PAT surged by 73% YoY to ₹1,180 Cr

EBITDA Bridge





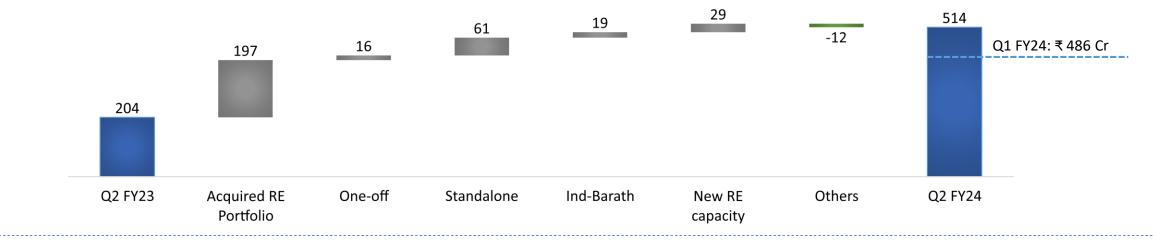
^{*} Subjected to meeting design energy generation and plant availability for Hydro, and plant availability factor for Barmer (which has consistently been met in every year of operations)

JSW Energy Q2 FY24 Results Presentation 8

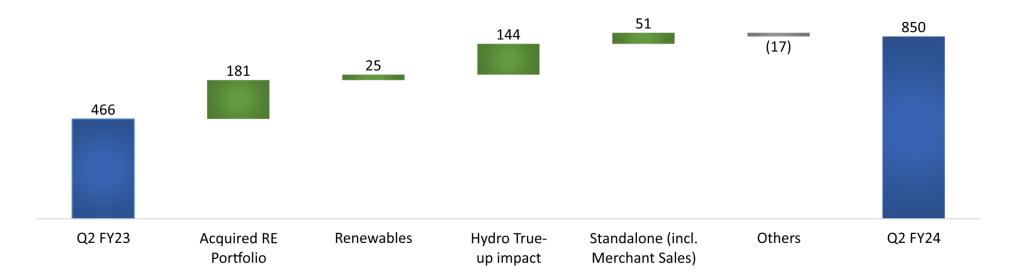
Finance Cost & PAT Movement







Profit After Tax (YoY; ₹ Cr)



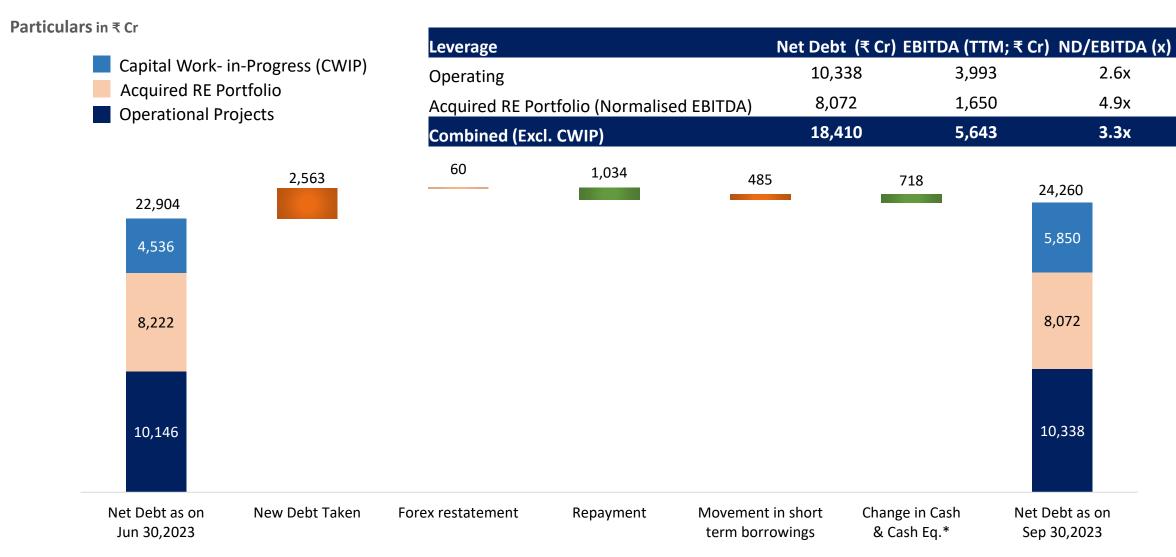
Consolidated Financial Results



H1 FY24	H1 FY23	Particulars in ₹ Crore	Q2 FY24	Q2 FY23	
6,401	5,712	Total Revenue	Total Revenue 3,387		
3,316	2,209	EBITDA	1,098		
52 %	39%	EBITDA Margin(%)	59%	42%	
807	583	Depreciation 409		294	
999	398	Finance Cost 514		204	
1,510	1,349	Profit Before Tax 1,086		600	
1,140	1,026	Profit After Tax	850	466	
1,923	1,493	Cash Profit After Tax ¹ 1,180		681	
6.93	6.24	Diluted EPS ² (₹) 5.17 2.84			

Net Debt Movement



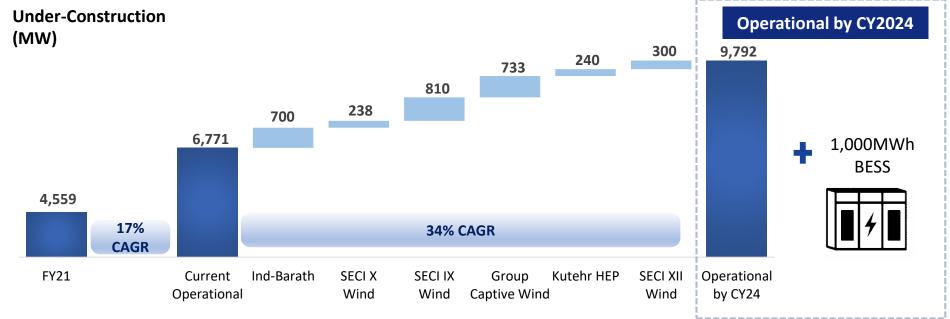


Sustainable ND/EBITDA is within the guided range of 3.5x-4.0x

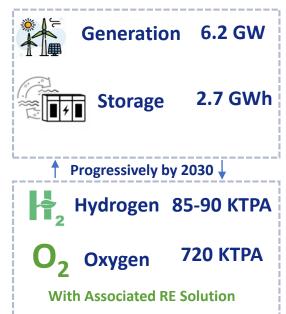
Project Progress







Group Captive MoUs

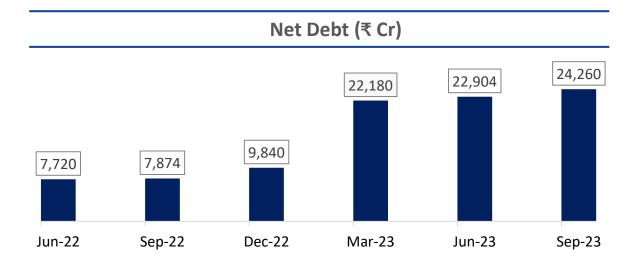


Plant (MW)	Commissioning	PPA	Capital Expenditure	
SECI IX (810)	Progressively from Q3 FY24	25- year; SECI		
SECI X (454)	Progressively (216 MW Commissioned)	25- year; SECI	Total: ₹19,360 Cr Committed : ~₹16,993 Cr Spent: ~₹11,317 Cr	
Group Captive - JSW Steel (958) 225MW Solar operational	Progressively from Q3 FY24	25- year; JSW Steel		
Kutehr HEP (240)	Sept 2024	35- year; Haryana Discom		
Ind-Barath (700)	Unit 1 in Q3 FY24, Unit 2 in Q4 FY24	-		
SECI XII (300) March 2025		25- year; SECI	~₹ 2,200 Cr	

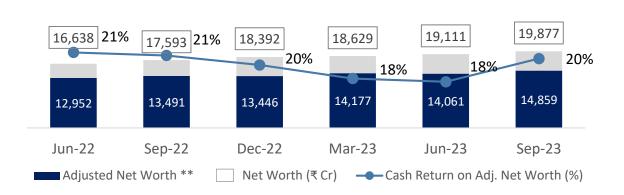
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Superior Financial Risk Profile

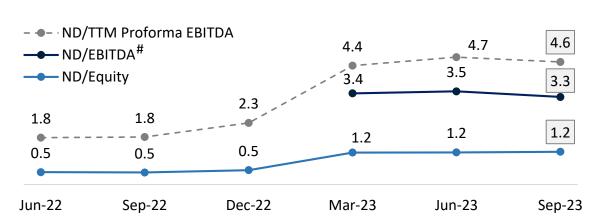




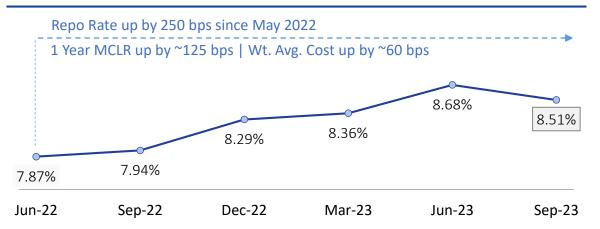
Net Worth (₹ Cr)* & Cash Returns (%)



Leverage Ratios



Wt. Average Cost of Debt



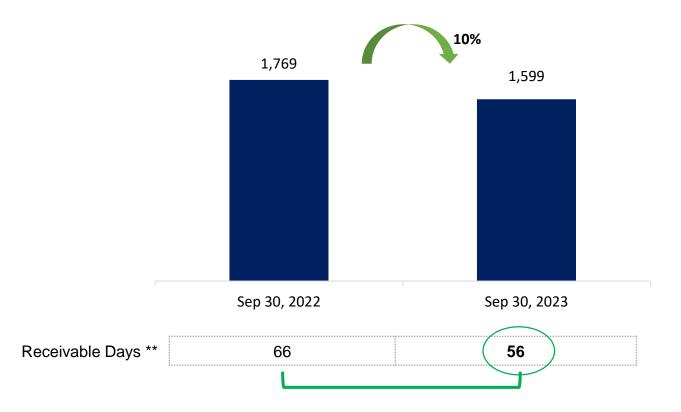
Robust balance sheet & best-in-class financial metrics

^{*} Net Worth is impacted by change in value of listed equity investments through Other Comprehensive Income ** Adjusted for value of investments (net of taxes) # ND/Proforma EBITDA Including acquired RE portfolio Debt and Excluding Debt on U/C Projects

Healthy Trade Receivables

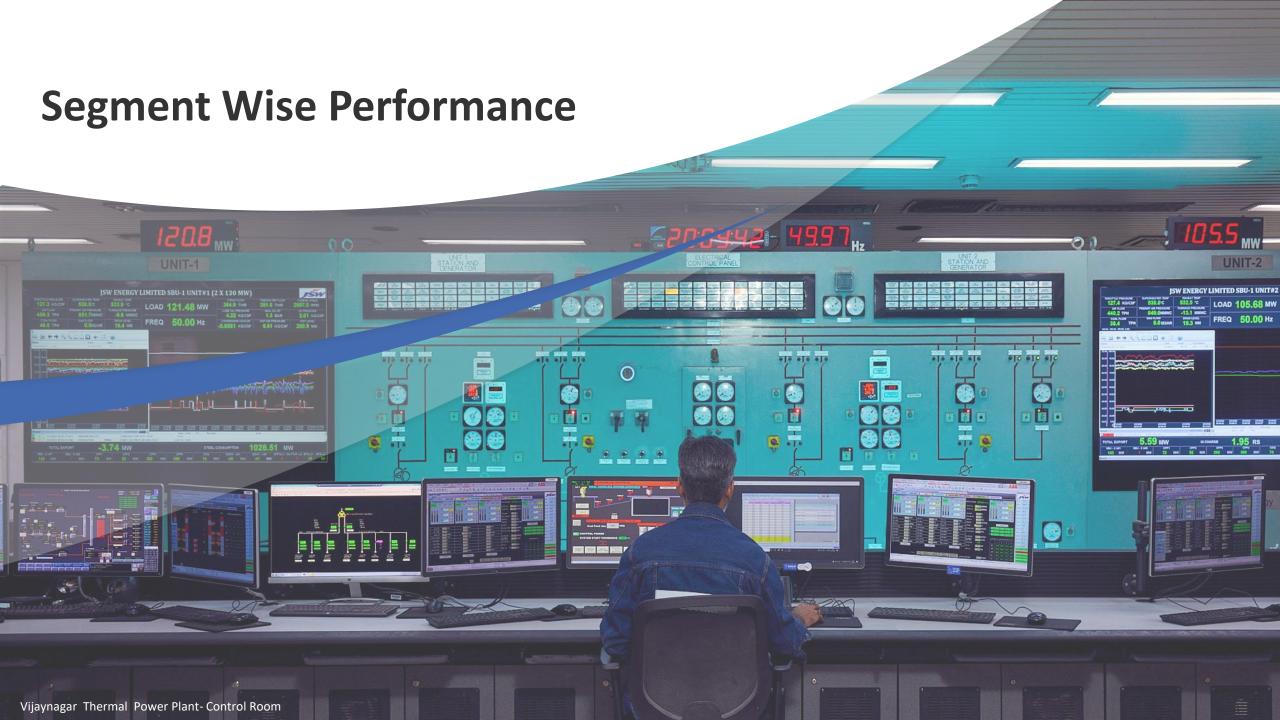


Consolidated Trade Receivables* Excluding Acquired RE Portfolio (₹ Cr)



Operational Highlights

- Receivables (in ₹ Cr) improved by 10% YoY
 - Receivables days (excl. Acquired RE Portfolio and Hydro true-up impact) further improved to 56 days in Q2
 FY24
- All plants placed favourably in States' Merit Order Dispatch.
 - Further, Hydro plants under 'Must-run status' with no scheduling risk
- No history of any bad debts from routine long term trade receivables
- Payment security mechanism in force for power tied under long term PPA with discoms
- Recovery of late payment surcharge in case of delayed payments from discoms



Thermal Assets | Q2 FY24 Highlights (1/2)



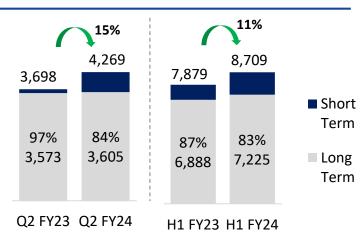
Overview Offtaker Profile Operational Assets - 3,158* MW **Under Construction** Rajasthan , 28% **Total Thermal** Open, Capacity 34% 3,858 MW 3,858 MW MSDECL. Group 8% Vijayanagar Ind - Barath Captive, Ratnagiri Barmer 30% 1,200 MW **Installed Capacity** 1.080 MW 700 MW **Operational** 860 MW Capacity 1,100MW 1,080 MW 338 MW Merchant **PPA** tied 3.158 MW **Imported Coal** Imported Coal **Domestic Coal** Lignite **Fuel Type** 1,593 MUs (-4% YoY) Located in coal belt LT 1,478 MUs (14% YoY) 510 MUs (-18% YoY) **Net Generation** Under (Mus) Total 1,752 MUs (34% YoY) 1,593 MUs (-4% YoY) 900 MUs (22% YoY) Easy access to water Construction Ind-Barath Commissioning LT 67%/(88%) 75%/(78%) 80%/(86%) PLF/ **700 MW** Unit 1 – Q3 FY24 (Deemed PLF) Total 72%/(91%) 51%/(53%) 75%/(78%) Unit 2 - Q4 FY24

~80% of Installed Thermal Capacity Tied-up under Long-Term PPA

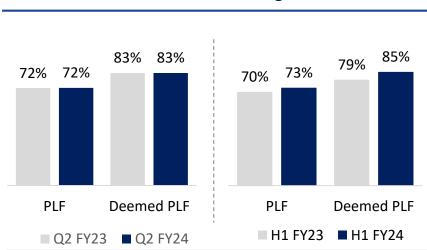
Thermal Assets | Q2 FY24 Highlights (2/2)



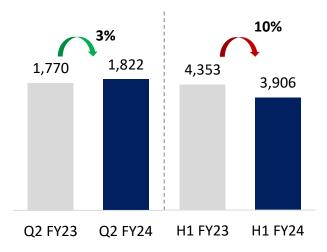




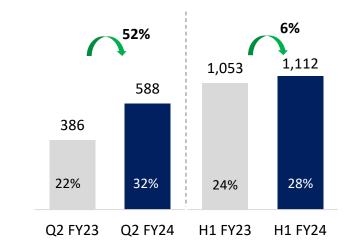
Thermal: PLF – long term



Segmental Revenue from Operations (₹ Cr)



EBITDA Excl. Other Income (₹ Cr) and Margins (%)



Operational Highlights

- Total Net Generation +15% YoY at 4.3 BUs, supported by strong merchant volumes, higher LT generation at Ratnagiri, partly offset by lower generation at Barmer plant
- Short Term generation at 664 MUs was 5x YoY
- Long Term generation was up 1% YoY in the quarter. LT PLF remains healthy at 72%

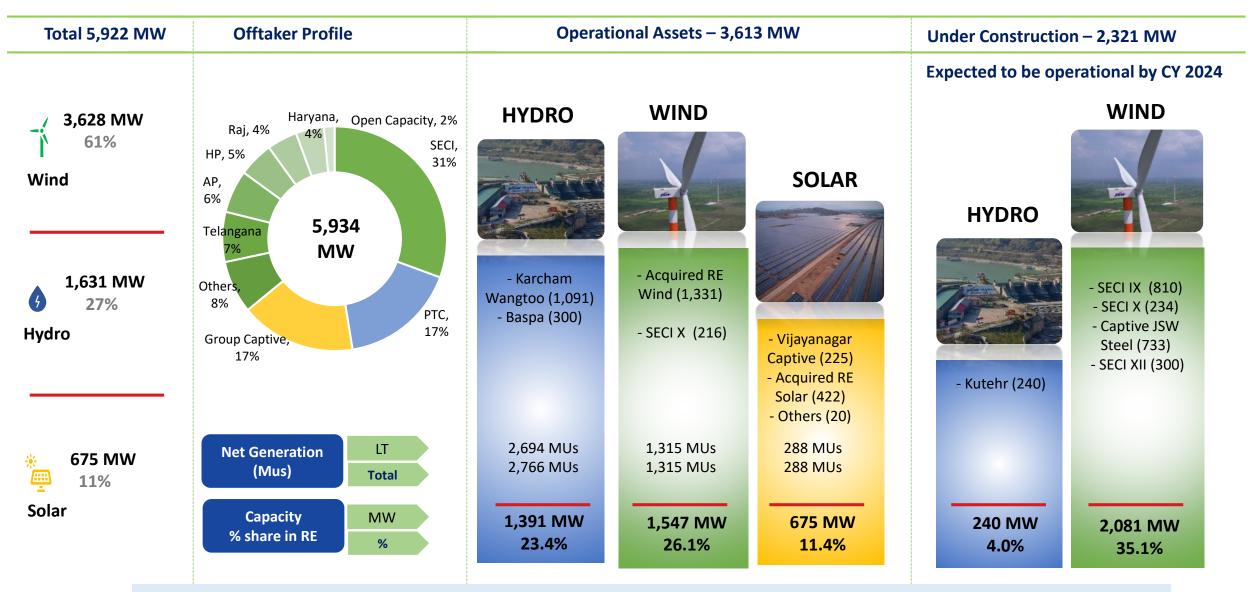
Financial Highlights

- Total operating revenue at ₹1,822 Cr increased by 3% YoY due to higher volumes partly offset by lower realization on account of lower fuel cost (pass through in nature)
- EBITDA increased to ₹ 588 Cr driven by higher merchant volumes and higher contribution from Ratnagiri Unit 1

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Renewable Assets | Presence across all modes of generation



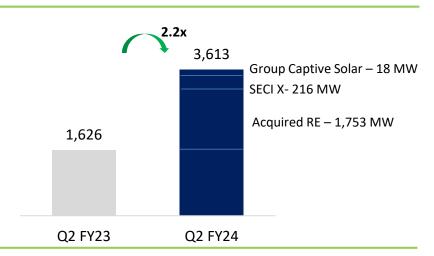


All under construction projects are tied-up with long term PPA

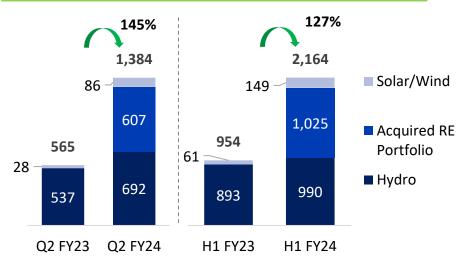
Renewable Assets | Q2 FY24 Highlights

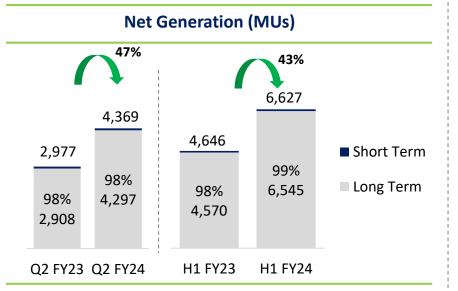




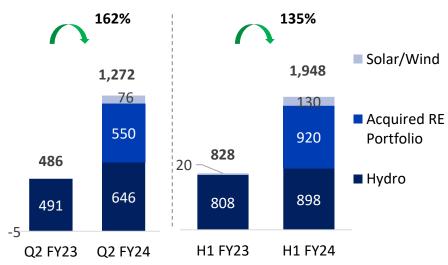


Segmental Revenue from Operations (₹ Cr)





EBITDA Excl. Other Income (₹ Cr)



Operational Highlights

 Net generation increased 47% YoY to 4.4 BUs driven by capacity additions and contribution from Acquired RE portfolio party offset by lower generation at Hydro power plants

Financial Highlights

- Total operating revenue increased 145% YoY to ₹1,384 Cr driven by Acquired RE portfolio, greenfield RE assets and positive hydro true up impact
- Operating EBITDA at ₹1,272 Cr was up 162% YoY. Acquired RE portfolio contributed ₹ 557 Cr (incl other income) in the quarter



Continued Focus on Health & Safety Excellence

ISW Energy

All Figures are for Q2 FY24



Zero severe injuries/fatalities

Lost Time Injury Frequency Rate of zero at all the operational plants



84% of contractors covered by JSW CARES audit

20 Contractors (34%) achieve 5 Star rating & 73% contractors achieve 3 Star and above in a stringent Internal Safety Assessment and evaluation.



36,100+ Cumulative Safety Observations Resolved in Q2 FY24

Influencing 'positive safety behavior' of our workforce by reporting smallest of the safety considerations thereby avoiding any major / minor incident



GWO (Global Wind Organization) Training for WTG project Teams

- ✓ 58% of Target Employees have completed GWO training
- ✓ 55% of Target Associate employees have completed GWO training
- ✓ All remaining target employees to complete training by December 2023



Enhancing Safety for Employees, Contractors & Community

- ✓ High Risks (Number 21 to 25) mitigation through BHM tool initiated across all major plants Barmer, Vijayanagar, Ratnagiri & Hydro Plants. Expected completion progressively by Dec-2023 onwards
- ✓ High Risks numbers 16 to 20 audit completed. All improvement recommendations being implemented for finalization at respective locations
- ✓ Hydro Sholtu Safety documentation & systems enhancements underway as part of preparation for BSC 5 STAR Gap Audit Dec-2023





JSW Energy Q2 FY24 Results Presentation

Sustainability: Framework and Policies



17 Focus Areas with 2030 Targets from 2020 as Base Year



Climate Change:

Committed to being carbon neutral by 2050

Reduce our carbon emissions by more than 50%



Renewable Power:

Enhance the renewable power to 2/3rd of our Total Installed Capacity



Biodiversity:

No Net Loss for Biodiversity



Waste Water:

Zero Liquid Discharge



Waste:

100% Ash (Waste) utilization



Water Resources:

Reduce our water consumption per unit of energy produced by



Operational Health & Safety



Supply Chain Sustainability



Resources



Employee Wellbeing



Social Sustainability



Air Emissions



Local Considerations



Business Ethics



Indigenous People



Cultural Heritage



Human Rights



Energy

Aligned to National & International Frameworks

















Governance & Oversight by **Sustainability Committee**

2 Independent Directors

Mr. Sunil Goyal

Ms. Rupa Devi Singh

1 Executive

Mr. Prashant Jain

ESG Ratings – best amongst peers

CDP*: A- (Leadership Level)

Sustainalytics: 23.9 (Medium Risk)

FTSE4Good Index constituent

Carbon Neutrality by 2050



Committed to set science based targets to keep global warming to 1.5°C under SBTi

Integrated Reporting since FY19



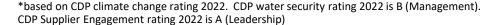












Sustainability: Targets and Strategy



SD Targets	FY20 Actuals	FY30 Targets	Improvement	Strategic Initiatives and Approach
Climate Change tCO ₂ e,	missions 0.76 MWh	0.215 *	60%	 TCFD –Preliminary report received Supply Chain Sustainability – development of Digital Platform is in progress for value chain partners. Increased share of renewable energy for decarbonization – Total capacity added till Q2FY 24 - 3613 MW
	fresh water 1.10 m³/MWh)	0.591	46%	 Maintaing zero liquid discharge across operations Optimising utilisation of rain water harvesting system Installation of technology for operating cooling towers with higher Cycles of Concentration with modified chemical regime Reuse of treated effluent of Sewage Treatment Plan for horticulture
Waste General	Waste (Ash) ion (t/MWh) ecycled - Ash 100	0.032 100	54%	 Integrated Strategy towards efficient waste management – Ash Management, recyclir of waste water, handling hazardous waste through authorized recycler. Utilisation of low ash coal in Ratnagiri and Vijaynagar Re-utilisation of pond ash as well as Bottom ash in Boiler
Air Emissions Specific p emissions PM SOx NOx	rocess (Kg/MWh) 0.16 1.78 1.01	0.053 0.683 0.373	67% 61% 63%	 Ensuring ESP (Electrostatic Precipitator) Fields availability Optimising Lime dozing system efficiency Process efficiency improvements
Biodiversity	ersity at our _ ng sites	Achieve 'no net loss' of biodiversi		 Biodiversity Desktop Assessment completed for Thermal - Ratnagiri, Ind bharat , Wind - Dharapuram, Sandur, Tuticorin and Hydro Power Plant – Baspa II & Karcham Wangtoo. Increased green cover across operations Implementation of Biodiversity Management plan at Barmer Plant .

Sustainability Performance





- Preliminary TCFD Report received
- Physical & transitional Risks are identified for JSW Energy
- Action Plan and Mitigation Plan for identified risks.



- Phase 1 -Gap assessment and risk mapping using global biodiversity and TNFD framework is completed.
- Phase 2 -NNL studies based on site-wise baseline assessment
- ➤ Group level No Net Loss Strategy



- Identification of risks associated with critical suppliers based on ESG scores from supplier assessment results
- Bridging ESG gaps via training and awareness sessions
- On-site audit via third party consultants



- Human rights training plan - FY24 on discrimination, empowerment, transparency etc.
- Collaboration with external agency for site-wise assessment
- Risk assessment and mitigation plan

TNFD: Task Force for Nature related Financial Disclosures NNL- No net loss

Sustainability: Q2 FY24 Performance



Key Highlights



- Increased share of renewable energy for deep decarbonisation
- Wind Projects Tuticorin generation started and commissioned 216 MW till Q2 FY 24.
- Continuous focus on process improvements to reduce GHG emission



Security

- Maintained zero liquid discharge across operations
- Optimising utilisation of rain water harvesting system. 1,68,429 m3 water utilised by Ratnagiri Plant by this method
- Reuse of treated effluent of Sewage Treatment Plant for horticulture
- 2,36,869 m3 of water recycled and utilizing for process at Vijayanagar



- Reutilising pond ash as well as bottom ash in Boiler.
- Continue 100% Ash utilization initiatives at all plants through tie-ups with cement factories & similar businesses



Emissions

- Ensuring ESP (Electrostatic Precipitator) Fields availability
- Process efficiency improvements being done in all plant locations
- Lime Dozing system availability and parameters optimization at Barmer to reduced air emissions

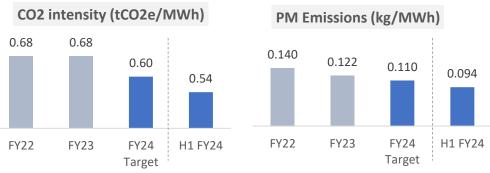


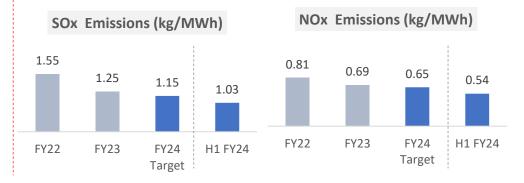
Biodiversity

- Plantations of various species numbered 635, 1730, and 800 in the areas around Ratnagiri, Vijayanagar, and the Hydro Power Plants, respectively.
- Draft report of Biodiversity Assessment for Ratnagiri, Hydro, Wind Plant is received from CII
- Increase in green cover at all operations to achieve 'No Net Loss' of Biodiversity by 2030.

Performance









Sustainability: Empowering Our Communities



Project Shikhar: Bringing Powerful Transformation in the Field Of Sports

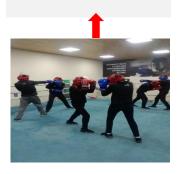
Our Footprint

4 Centres

120+ Trainees

374 Medals

Boxing training sessions





Dedicated Professional Coaches

Strength and Condition coaching





Events and Competitions Platform

Shikhar **Fellowship**



Health & Nutrition

Eye screening Camp at Hydro



Healthcare Outreach at Ratnagiri



12,549 people availed OPD, IPD services

> 588 lab tests done in FY23

378 people availed ambulance services

Medicinal Farming

A total of 230 farmers initiated medicinal farming





















Skill Enhancement





Awards and Recognition





"Gold Award - 14th
Exceed Green
future Environment
Award in
sustainability
category"
Sustainable
development
foundation



Power- Gen ESG & Sustainability award -2023 for Best ESG Initiative – Water Efficiency by Council of Enviro Excellence



SEEM National Award for Energy Efficiency Platinum category in Sept-23



"National award for excellence in energy management 2023" Organized by CII



1st Prize in TOPS Convention by Indian Society for Quality, Bengaluru Chapter in July-23



Received LACP 2022 Vision Awards for JSW Energy Annual Report (FY 22-23) – Gold Award, Top 80 Reports & Top 10 Indian Reports

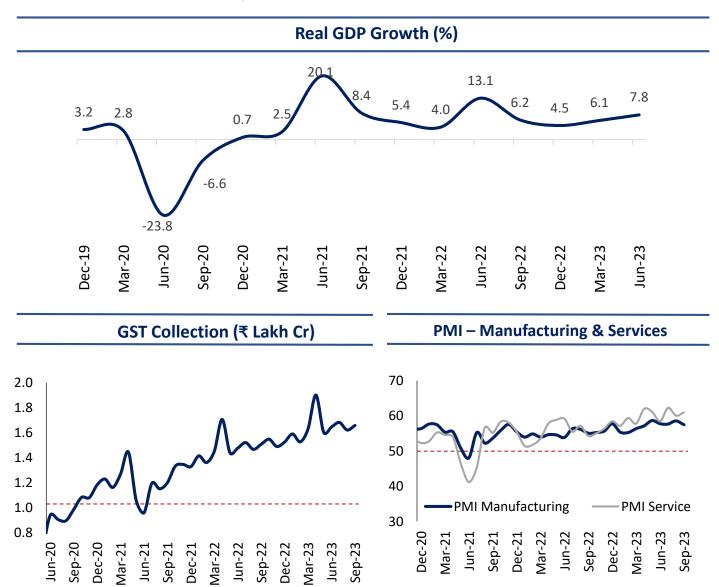
JSW Energy Q2 FY24 Results Presentation





Indian Economy



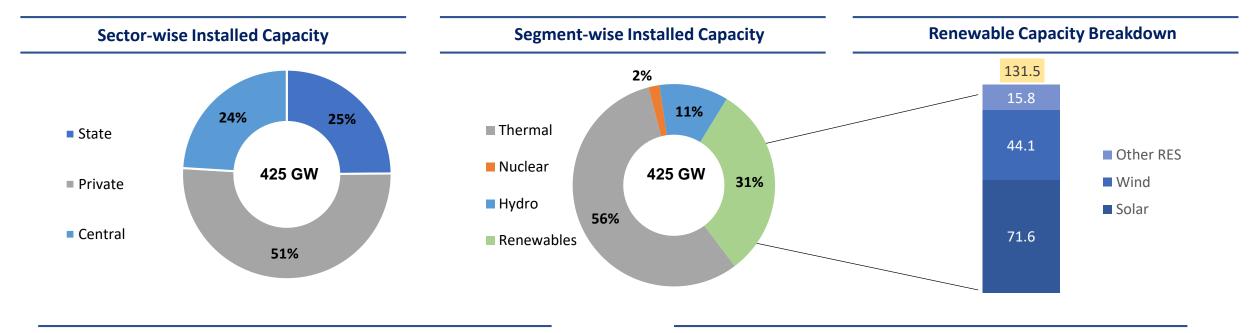


- Indian economy continues to see resilient growth amid slow global recovery and growing regional divergences
 - Real GDP growth for Jun-23 guarter stood at 7.8 % YoY; this is despite a strong base of 13.1% in Jun-22
 - PMI: Manufacturing (Sep-23: 57.5) and Services (Sep-23: 61) PMI continue to be encouraging
 - GST revenue surpasses ₹1.60 trillions for the fourth time this year; H1 FY24 collection grew 11% YoY
- Indian Retail Inflation
 - CPI eased to a three month low of 5.0% in Sep-23 within the RBI's tolerance mark, down from 6.8% in Aug-23.
 - RBI in its recent MPC meet kept repo rate unchanged to 6.50%; the key rate has been raised by 250 bps since May-22

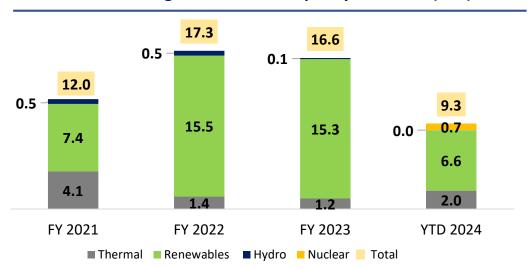
IMF projects India's GDP growth at 6.3% for 2023

India's installed capacity stands at 425 GW as on Sep-23

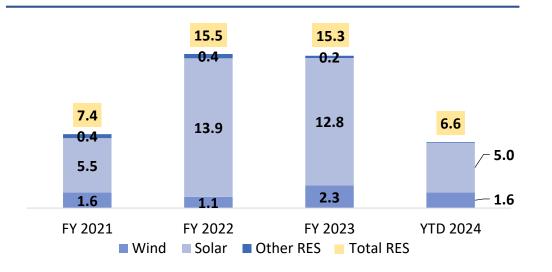








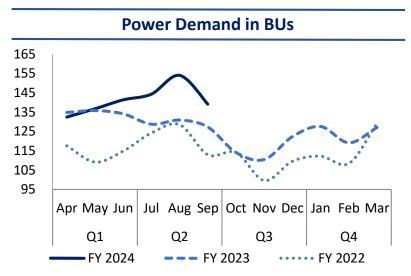
Renewable Capacity Additions (excl. Hydro) GW



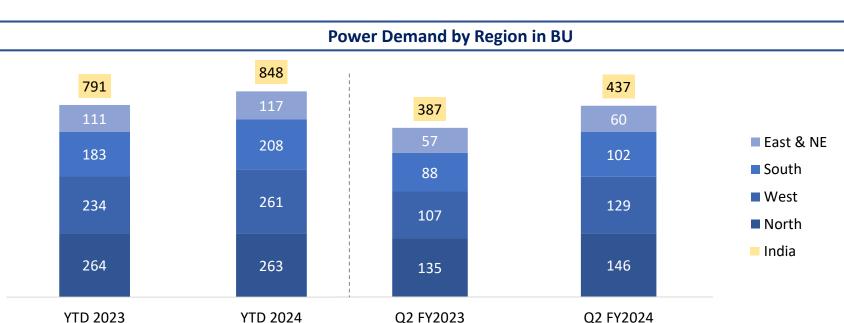
Source: Central Electricity Authority (CEA)

Power Demand increased by 13% YoY in Q2 FY24







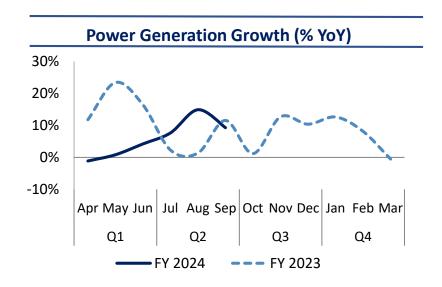


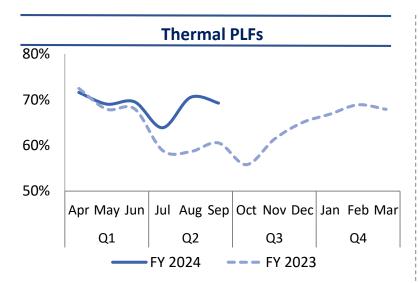
- Pan India demand during Q2 FY24 increased by 13% YoY and 7% YTD to 437 BUs due to surge in economic activities
- Demand in West increased by 21% YoY followed by South, up by 16% YoY
- Total demand met during the quarter stood at 436 Bus, up by 13% YoY and 8% YTD
- The peak demand in this quarter of 240
 GW was witnessed during September
 month

Source: Central Electricity Authority (CEA)

Overall Generation Increased by 11% YoY in Q2 FY24

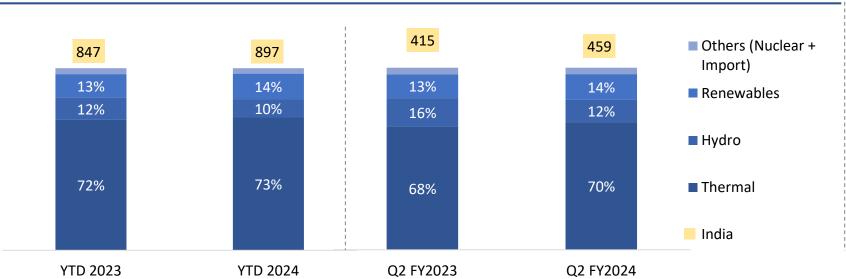






- Overall generation in Q2 FY24 stood at 459 Bus, an increase of 11% YoY
- Share of thermal in overall generation stood at 70% (vs 68% YoY) with net generation of 322 BUs up 15% YoY resulting in PLFs of 68%
- Generation from large hydro declined by 13% YoY in quarter and 12% YTD; while generation from renewables increased by 20% YoY supported by 30% growth in wind generation

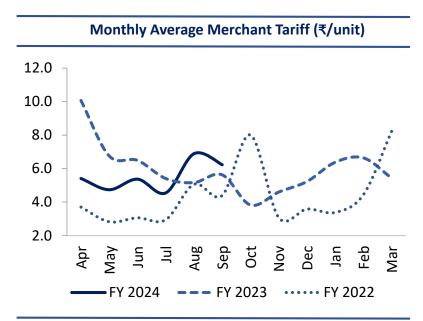
Power Generation by Source in BU

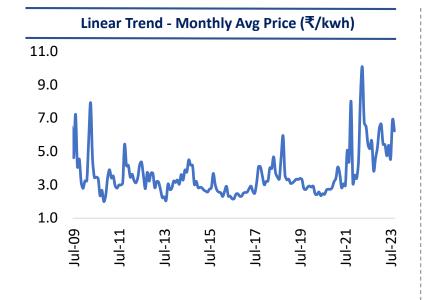


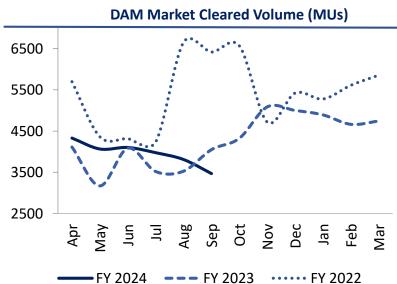
• Source: Central Electricity Authority (CEA), National Power Portal

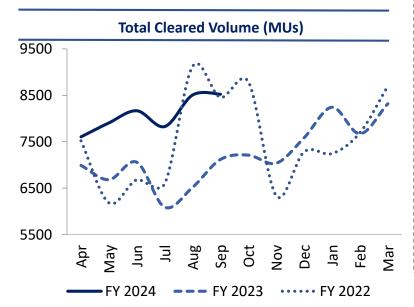
Merchant Power – Day Ahead Market











- Day Ahead Market (DAM) prices averaged at ₹5.9/unit during Q2 FY24 and increased by 9% YoY due to hot weather conditions and unusual monsoon season
- The cleared volume in DAM market at 11.3
 BUs was down by 1% YoY in Q2 FY24 and up
 6% YTD
- Total cleared volume on IEX stood at 24.9
 Bus, up 26% YoY in Q2 FY24 and up 20% YTD



Operational Performance – Net Generation



Net Generation (MUs)								
Location		Capacity	Q2 FY24	Q2 FY23	Change YoY	H1 FY24	H1 FY23	Change YoY
Location		%			%			%
Data - sivi (1, 200 NAVA)	LT	89%	1,478	1,302	14%	3,140	2,507	25%
Ratnagiri (1,200 MW)	Total	100%	1,752	1,311	34%	3,691	2,828	30%
Barmer (1,080 MW)	LT	100%	1,593	1,651	-4%	3,011	3,205	-6%
Vijayanagar (860 MW)	LT	36%	510	620	-18%	1,039	1,166	-11%
	Total	100%	900	736	22%	1,973	1,836	7%
Nandyal (18 MW)	LT	100%	25	0	NA	34	10	256%
Total Thermal (3,158 MW)	LT	79%	3,605	3,573	1%	7,225	6,888	5%
	Total	100%	4,269	3,698	15%	8,709	7,879	11%
Hudro (1 201 MANA)*	LT	97%	2,694	2,832	-5%	3,828	4,396	-13%
Hydro (1,391 MW)*	Total	100%	2,766	2,900	-5%	3,910	4,472	-13%
Solar (253 MW)	LT	100%	123	76	61%	274	174	57%
Wind (216 MW)**	Total	100%	173	NA	NA	227	NA	NA
Acquired RE - Wind (1,331 MW)	Total	100%	1,141	NA	NA	1,836	NA	NA
Acquired RE - Solar (422 MW)	Total	100%	165	NA	NA	381	NA	NA
TOTAL	LT	89%	7,903	6,481	22%	13,769	11,458	20%
	Total	100%	8,638	6,675	29%	15,336	12,525	22%

Operational Performance – PLF



PLF/CUF							
Location		Capacity	Q2 FY24	Q2 FY23	H1 FY24	H1 FY23	
Location		%	%	%	%	%	
Ratnagiri (1,200 MW)	LT	89%	67 (*88)	60 (*81)	72 (*94)	58 (*76)	
	Total	100%	72 (*91)	54 (*73)	76 (*96)	59 (*74)	
Barmer (1,080 MW)	LT	100%	75 (*78)	77 (*81)	71 (*74)	75 (*78)	
Vijayanagar (860 MW)	LT	36%	80 (*86)	100 (*100)	83 (*89)	95 (*95)	
	Total	100%	51 (*53)	42 (*42)	57 (*59)	53 (*53)	
Nandyal (18 MW)	LT	100%	69 (*100)	0 (*100)	49 (*100)	14 (*97)	
T . T	LT	79%	72 (*83)	72 (*83)	73 (*85)	70 (*79)	
Total Thermal (3,158 MW)	Total	100%	67 (*76)	59 (*67)	69 (*78)	63 (*70)	
/4 204 5 5 5 6	LT	97%	95	99	68	78	
Hydro (1,391 MW)	Total	100%	94	98	67	76	
Solar (253 MW)	LT	100%	22	16	26	20	
Wind (216 MW)	Total	100%	36	NA	32	NA	
Acquired RE - Wind (1,331 MW)	Total	100%	40	NA	32	NA	
Acquired RE - Solar (422 MW)	Total	100%	18	NA	21	NA	

LT : Long Term; ST: Short Term * denotes Deemed PLF

Entity-wise Financial Results



Entity-wise Revenue from Operations							
Particulars in ₹ Crore	Q2 FY24	Q2 FY23	H1 FY24	H1 FY23			
Standalone	1,133	1,141	2,617	3,138			
JSW Energy (Barmer)	727	665	1,367	1,283			
JSW Hydro Energy	691	539	988	896			
Acquired RE Portfolio	607	NA	1,025	NA			
JSW Renewable Energy (Vijayanagar)	40	28	90	61			
JPTL	17	17	34	34			
Consolidated*	3,259	2,387	6,187	5,414			

Entity-wise EBITDA (Including Other Income)									
Particulars in ₹ Crore	Particulars in ₹ Crore Q2 FY24 Q2 FY23 H1 FY24 H1 FY23								
Standalone	452	352	877	846					
JSW Energy (Barmer)	225	225	430	444					
JSW Hydro Energy	689	502	971	827					
Acquired RE Portfolio	557	NA	931	NA					
JSW Renewable Energy (Vijayanagar)	36	9	83	40					
JPTL	19	16	36	33					
Consolidated*	2,008	1,098	3,316	2,209					

Cash Returns on Adjusted Net Worth



₹ Cr (Unless mentioned otherwise)

Quarter ended	Dec-21	Mar-22	Jun-22	Sep-22	Dec-22	Mar-23	Jun-23	Sep-23
Reported PAT	324	864	560	466	180	272	290	850
Add: Depreciation	281	277	289	294	295	291	398	409
Add/(less): Deferred Taxes	26	(7)	84	42	14	24	55	89
(Less): Dividend Received	-	-	-	(122)	-	-	-	(24)
Add/(less): One-offs*	-	(492)	(120)	0	-	-	-	(144)
Cash PAT	631	643	813	681	489	587	743	1,180
Cash PAT (TTM)	2,097	2,395	2,697	2,767	2,625	2,570	2,500	2,999
Adjusted Net Worth**	11,830	12,688	12,952	13,491	13,446	14,177	14,061	14,859
Cash Returns on Net Worth (%)	18%	19%	21%	21%	20%	18%	18%	20%

Strong cash returns of >20% translates to TTM cash profits of ~₹3,000 Cr

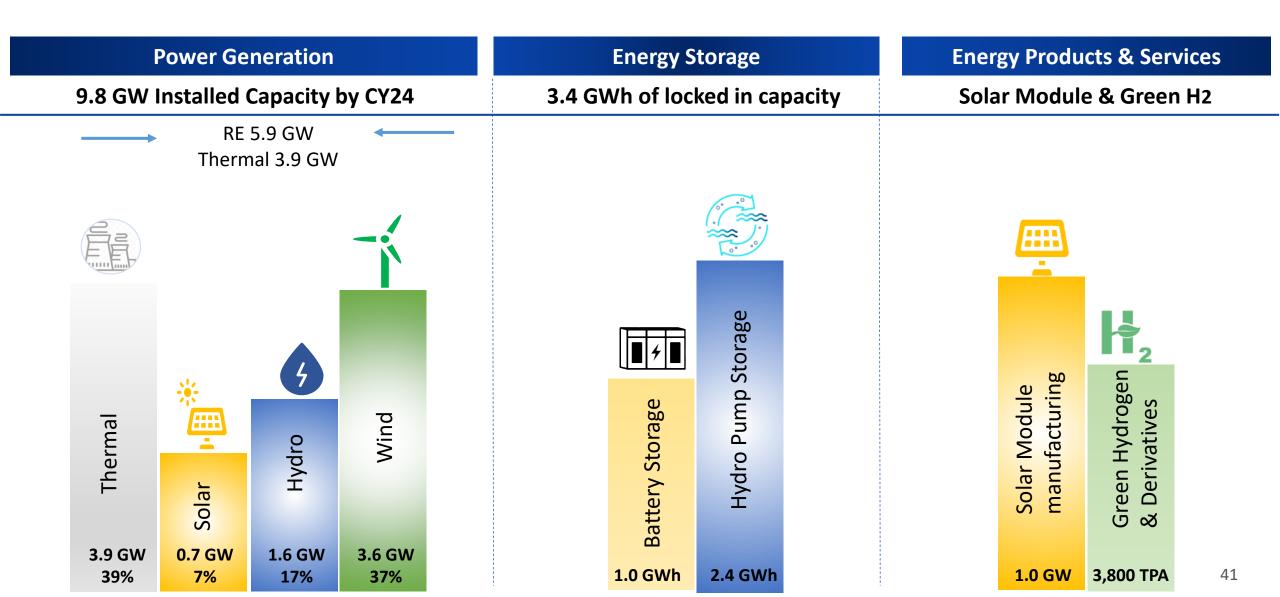
^{*}Refer note 5 of Q4FY22 release for Mar-22 one-offs. Jun-22: Exceptional items ₹ 120 Cr represents reversal of loss allowance made in earlier years on loan given to a party; ₹144 Cr for Sep-23 represents after-tax effects of Hydro True-up

^{**} Adjustment in net worth by excluding the value of shares of JSW Steel

JSW Energy – Presence across the value chain



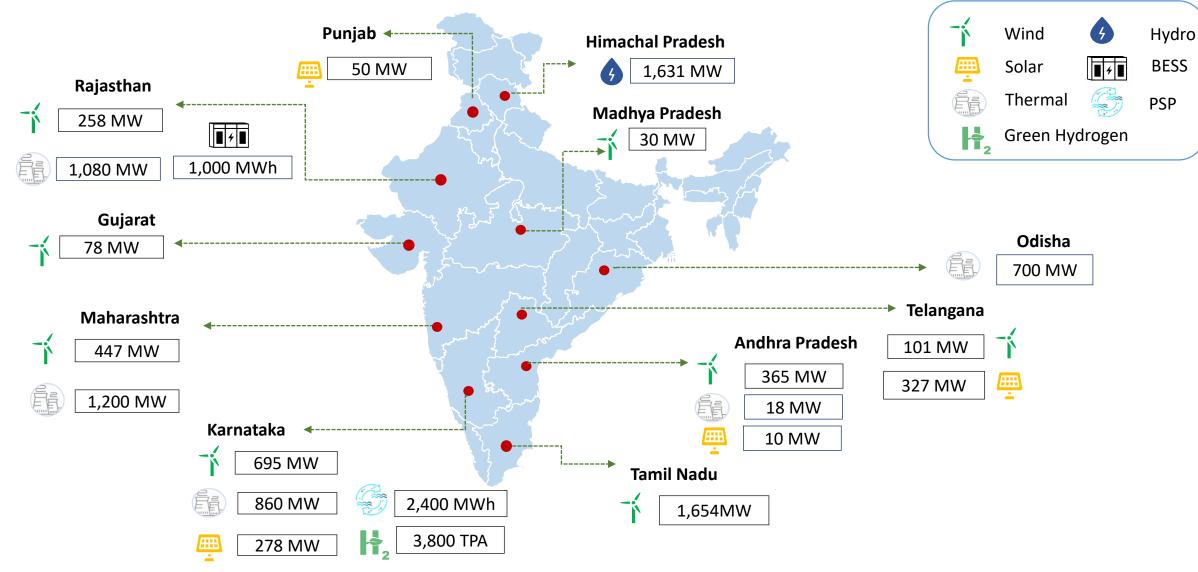
Well placed to achieve 10 GW of generation capacity ahead of stated timeline of 2025 with foray into New Age Businesses



Developed a Pan India Footprint of Diverse Asset Base

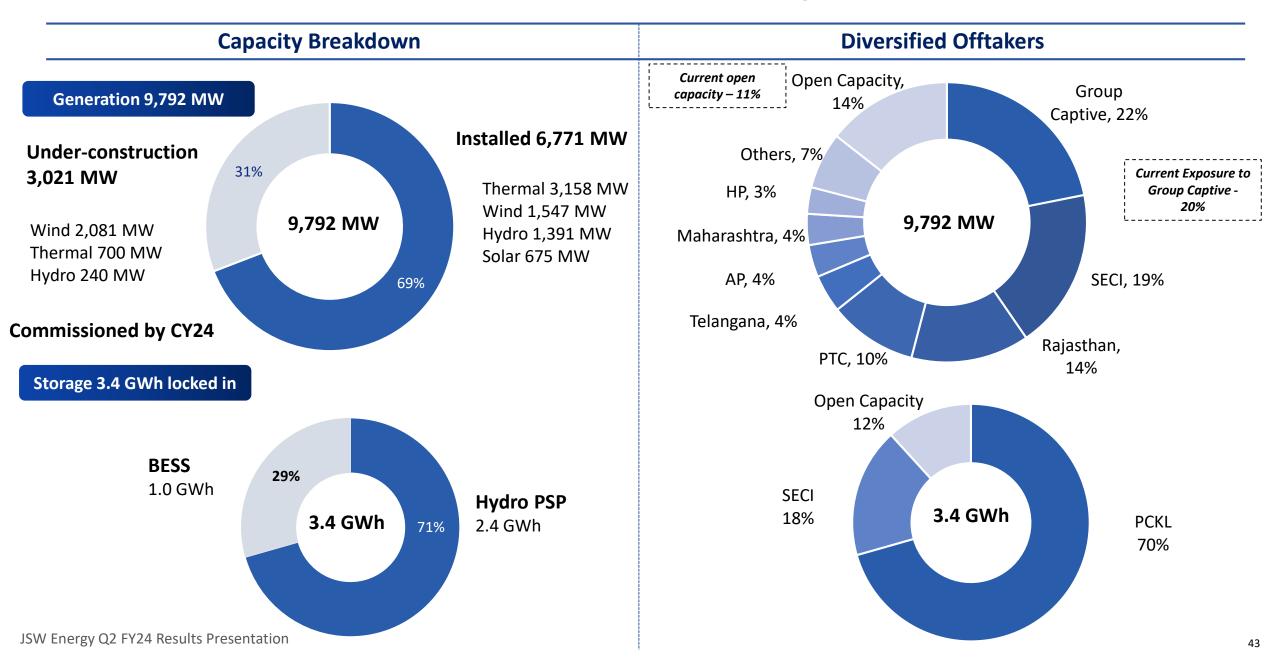


Operational Capacity by CY 24 (9,792 MW)



Well Diversified Portfolio – Focused on Maximising Cash Returns





JSW Energy – Broad Structure

JSW Energy Limited 9,792 MW

JSW Neo Energy * 5,924 MW

Ratnagiri – 1,200 MW

Vijayanagar – 860 MW

Solar – 10MW

Total - 2,088 MW

Nandyal – 18 MW

JSWEBL – 1,080 MW Ind-Barath – 700 MW **Hydro Entities**

Solar/Wind Entities

Products & Services

Energy Generation Portfolio

JSW Hydro Energy Limited (1,391 MW) (Karcham & Baspa)

JSW Energy (Kutehr) Limited (240 MW) JSW Renew Energy Limited (810 MW SECI-IX) JSW Renew Energy Two Limited (454 MW SECI-X) JSW Renewable Energy (Vijayanagar) Limited (863 MW Captive)

JSW Renewable Energy (Dolvi) Limited (95 MW Captive)

Acquired RE portfolio (1,753 MW - Acquired)

JSW Renew Energy Three Limited SECI XII 300 MW

Products & Services

BESS – SECI Pilot (500MW/1000MWh)

PSP

- Lol for 2.4 GWh
- MOUs signed for 80 GWh

Advanced high efficiency solar module (Awarded capacity under PLI)

Green Hydrogen (3,800 TPA) & Its Derivatives

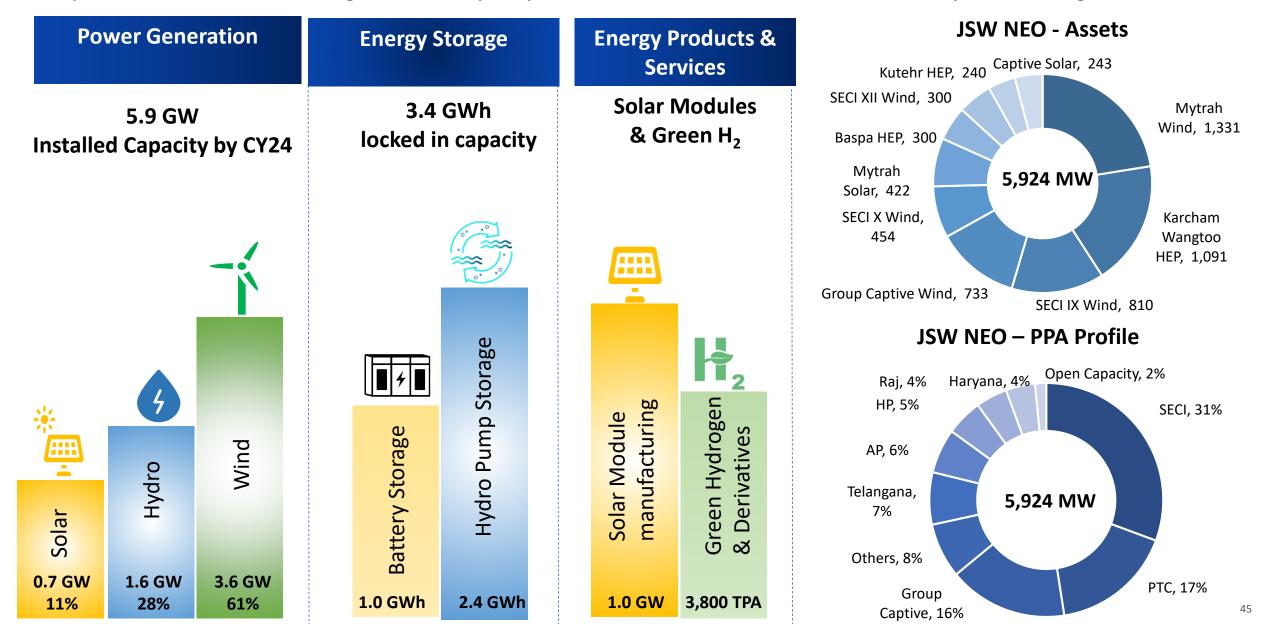
Vijayanagar Solar Power Plant

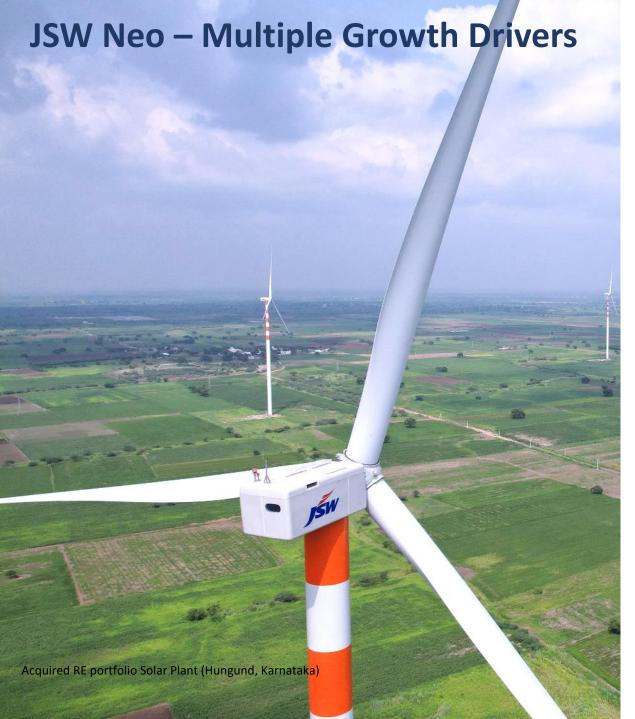
* Corporate structure post Acquisition and restructuring. Includes 18 MW of operational solar power plant for JSW group captive. All subsidiaries shown are wholly owned subsidiaries except RE CPP

JSW Neo - Presence across the value chain



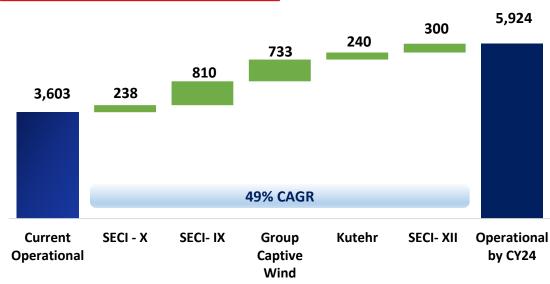
Well placed to achieve 10 GW of generation capacity ahead of stated timeline of 2025 with foray into New Age Businesses



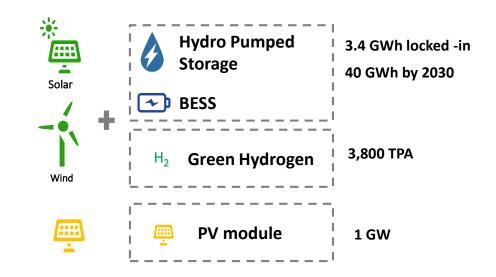


Generation





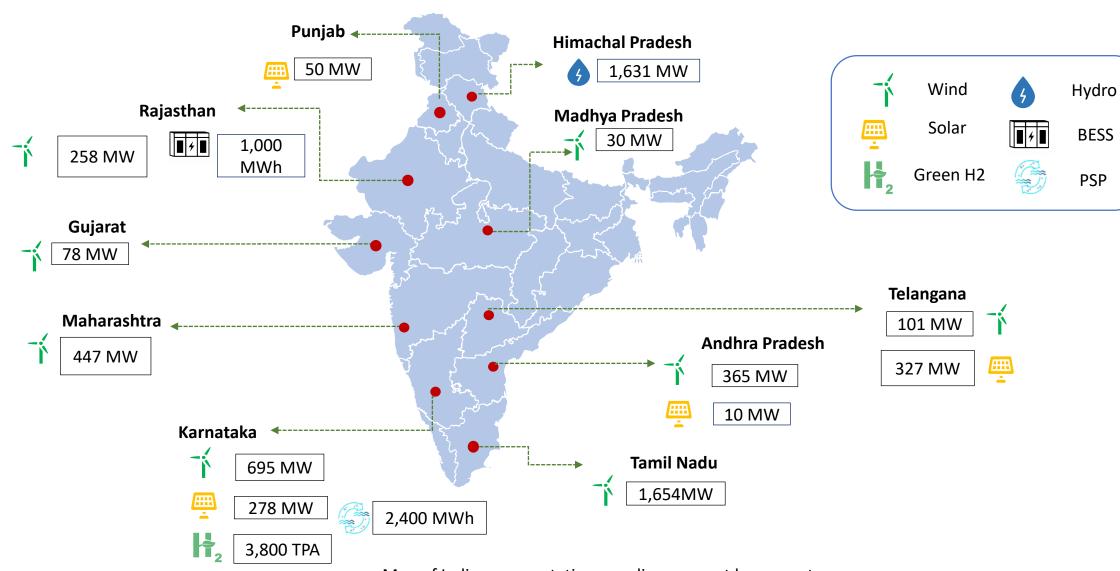
Energy Products & Services



Developed a Pan India Footprint of Diverse Asset Base

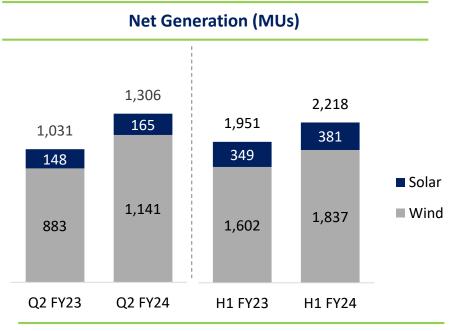


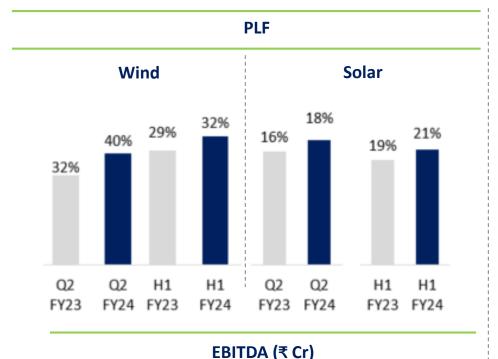
Operational Capacity by CY 24 (5,924 MW)



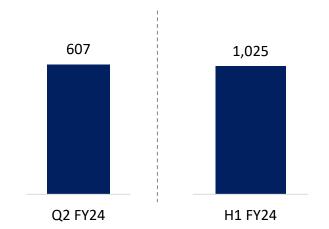
Renewable Assets | Acquired RE Portfolio

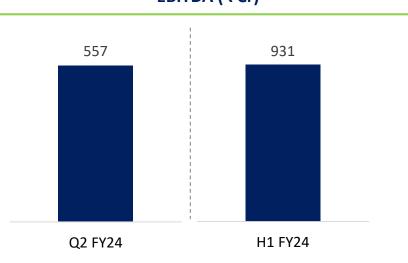






Segmental Revenue from Operations (₹ Cr)





Operational Highlights

- Net generation increased 27% YoY driven by 29% increase in wind generation
- CUF: Wind CUF stands at 40% due to better machine availability, incremental contribution from Maniyachi site (252 MW) and positive wind impact.
- Solar generated 165MUs at an average CUF of 18% driven by improved performance ratio and GII gain

Financial Highlights

 Revenue of ₹ 607 Cr resulted in EBITDA of ₹ 557 Cr

Acquired RE Wind Assets (1,331 MW)



Asset Optimisation & Performance Improvement Plan - Promising Outcome Witnessed



WIND

Action Plan

- Restoration of WTGs
- Improve Machine Availability (MA)
- Focused interventions
 - 76% of generation is from 10 sites
- Transmission loss improvement
- Power curve correction



Restoration of WTGs

All WTGs which were stopped before acquisition have been restored Maniyachi site (252 MW) fully operational and contributed in Q2 FY24

Machine availability

WTGs restoration and spare availability resulted in improved Machine Availability (MA). Achieved highest 98.5% MA in a day.

MA in H1 FY24 improved to 95.5% as compared to H1 FY23 (87.5%)

Focused intervention on O&M

In house spares repair and inventory management initiated, to drive quick turnaround of repair and maintenance activity

Capability building for self O&M of wind farms- Initiated for 764 MW

Equipments

All spares and material ordered, 90% has reached site.

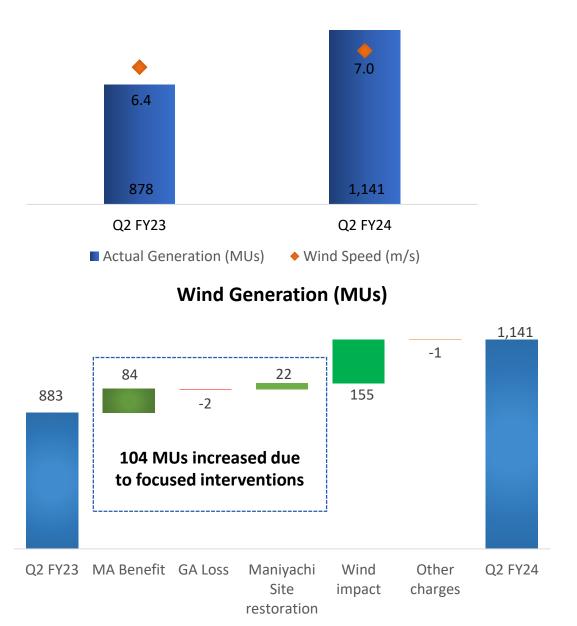
Balance of plant strengthening: Material and spares for 33 KV line, PSS and USS started receiving at plants.

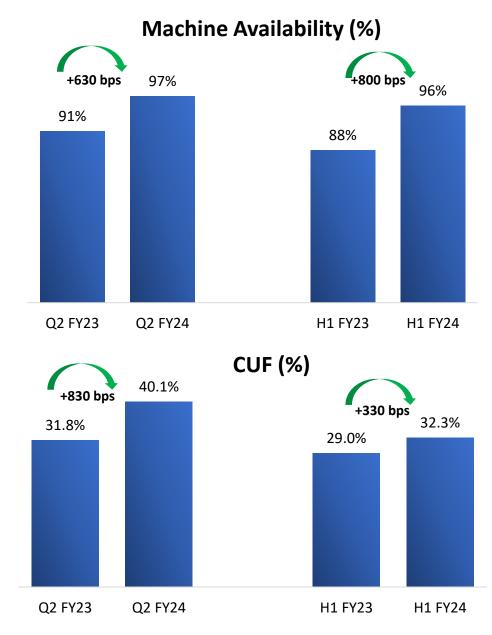
Expected generation improvement by ~700 MUs

Acquired RE Wind - progress on track



Actual Generation vs Wind Speed





Acquired RE Solar Assets (422 MW)



Asset Optimisation & Performance Improvement Plan - Promising Outcome Witnessed



SOLAR

Action Plan

- Improved Performance Ratio (PR) to add ~12 MUs, driven by:
 - O&M SOP implementation
 - Spares Management
 - Improve tracker availability
- DC side Capacity augmentation (38
 MW) to add ~20 MU's

~45 MUs improvement



Operations & Maintenance

O&M SOP implemented and monitored on regular basis Spares are proactively planned and spares backup created accordingly

O&M and Performance Ratio

Performance parameters are re-negotiated with O&M vendor Plant performance parameters linked to performance ratio

Tracker availability

Tracker availability improved to 99% in this quarter

Augmentation & Restoration (38 MW DC)

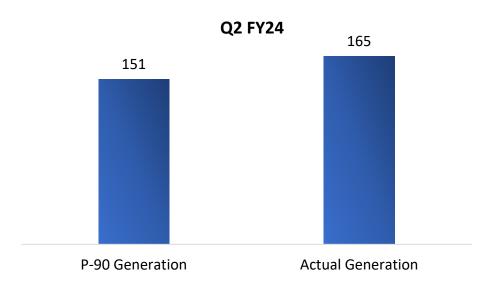
Order for modules is placed & delivery started, Module erection work under progress.

Expected generation improvement by ~45 MUs

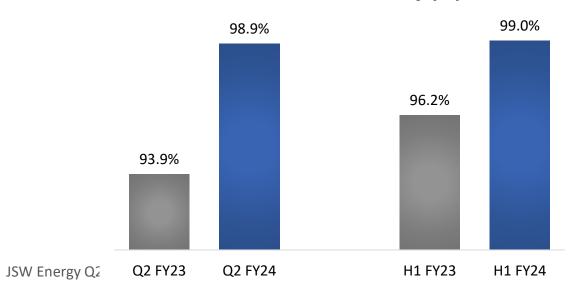
Acquired RE Solar - progress on track



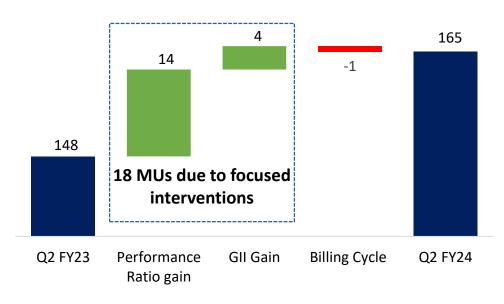




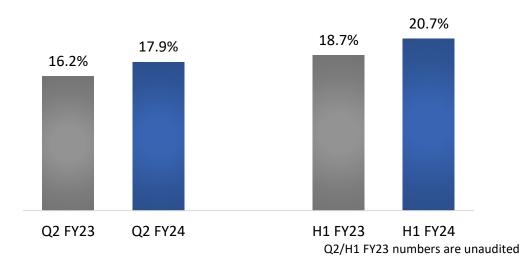
Plant Availability (%)

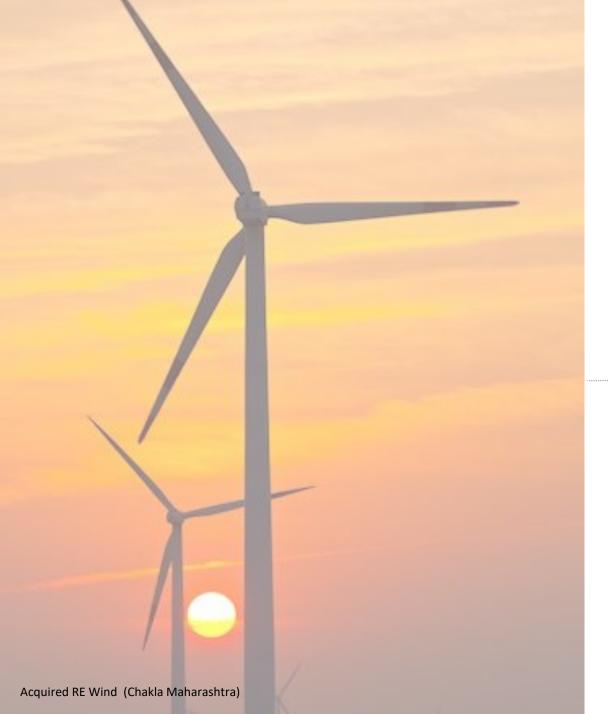


Solar Generation (MUs)



CUF (%)

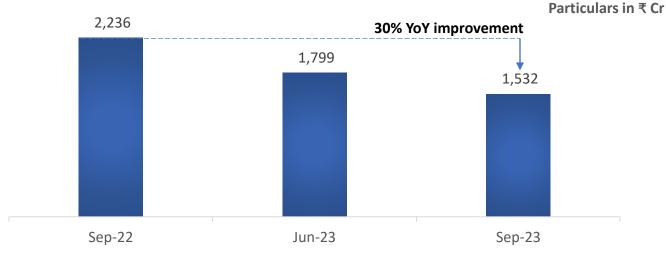




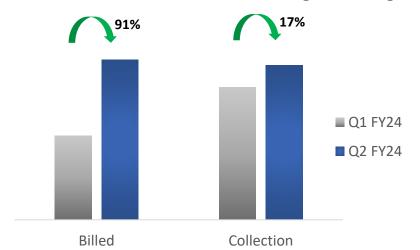
Receivables Cycle Improving



Strong collection in Acquired RE Portfolio's Receivables



Focused O&M Interventions leading to strong billing/collection growth



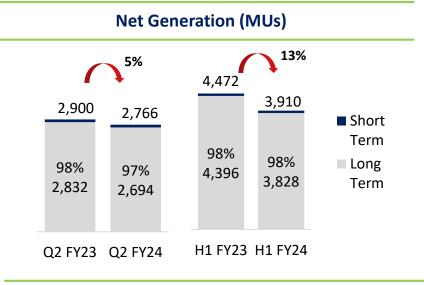
Operating efficiency reflecting in strong generation and billing growth

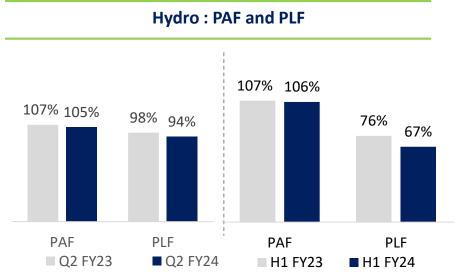
Continued focus on collection efficiency supports further reduction in the receivables

Optimise Receivables Cycle to Healthy Levels within 12 months

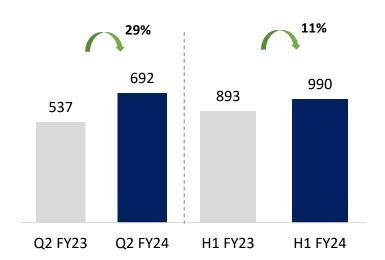
Renewable Assets | Hydro Q2 FY24 Highlights



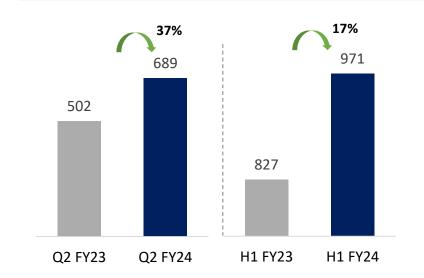




Segmental Revenue from Operations (₹ Cr)







Operational Highlights

- Net generation at Hydro Assets (Karcham and Baspa) down due to unusual monsoon and high silt conditions in the river
- Plant availability factor at 105% remains significantly above the normative PAF

Financial Highlights

 Total EBITDA, excluding the true-up impact of ₹ 174 Cr, was up 3% YoY



JSW Neo- Wind Power Projects – 2.2 GW



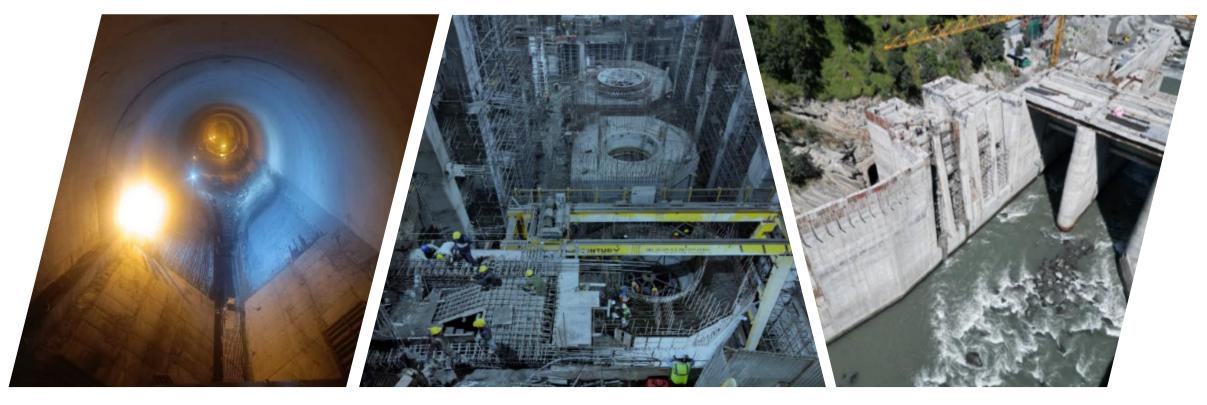


Wind Projects (SECI IX,X, XII and Group Captive)

- 216 MW commissioned by end of Q2 FY24
- Expected commissioning by CY 2024

JSW Neo - Kutehr Hydro Power Plant – 240 MW





Tunneling & Concreting

- Completed ~ 99.4% (21 km) tunneling work (up from ~ 95.9 % in Q1)
- Power house and control room concreting in progress (55% completed)

Electro-mechanical works

 Spiral Case erection work of all units completed

Concreting Barrage

- Completed ~76 % of Concreting of Barrage
- Erection of Barrage gates to start

JSW Energy - Ind-Barath 700 MW - Commissioning in FY24





Mechanical

- Boiler light up work completed
- Coal and ash handling work in progress

Electrical Works

- Transmission tower foundation, erection and stringing work in progress
- Switchyard overhauling work started