



## Adani Energy Solutions Limited

(Formerly known as Adani Transmission Limited)

Q3 FY24 Results Presentation

January 2024

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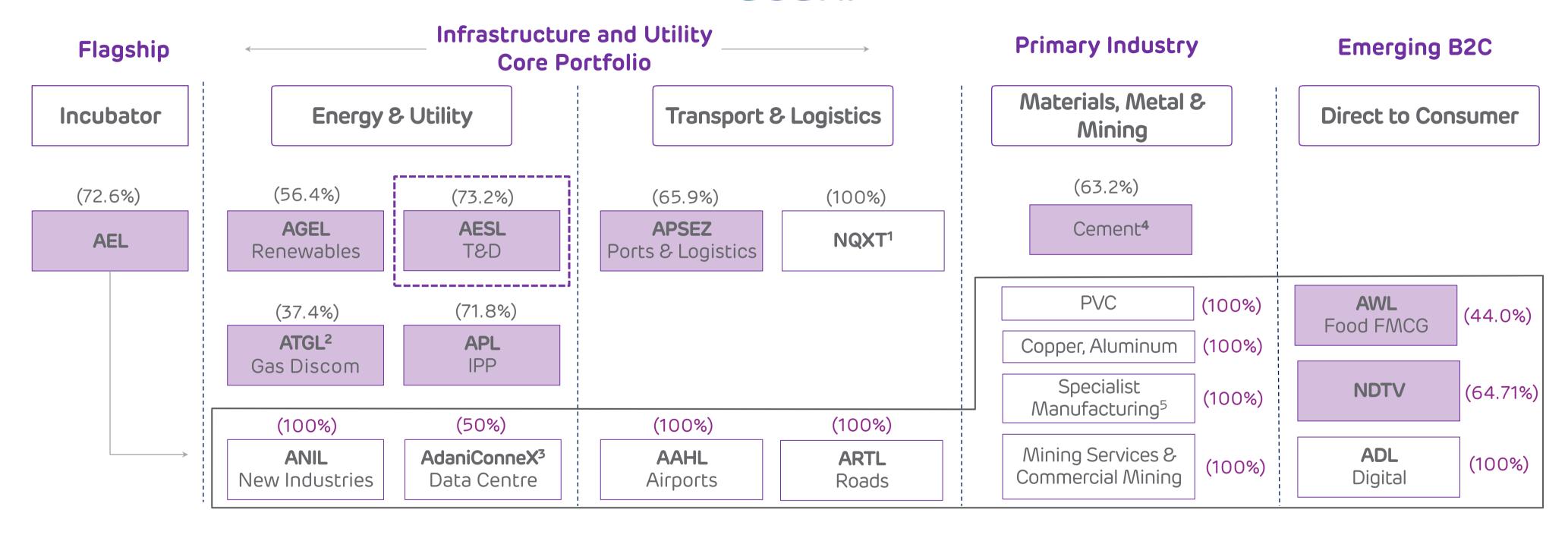


## Adani Portfolio

## Adani: A World Class Infrastructure & Utility Portfolio



## adani



(%): Promoter equity stake in Adani Portfolio companies

(%): AEL equity stake in its subsidiaries

## A multi-decade story of high growth centered around infrastructure & utility core

Data as of December 31, 2023. 1. NQXT: North Queensland Export Terminal | 2. ATGL: Adani Total Energies | 3. Data center, JV with EdgeConnex | 4) Cement business includes 63.2% stake in Ambuja Cement which in turn owns 50.05% in ACC Limited. Adani directly owns 6.65% stake in ACC Limited. Ambuja has completed the acquisition of Sanghi Industries as on 31st Dec'23. | 5. Includes the manufacturing of Defense and Aerospace Equipment; **AEL**: Adani Enterprise Limited; **APSEZ**: Adani Ports and Special Economic Zone Limited; **ARTL**: Adani Roads Transport Limited; **ANIL**: Adani New Industries Limited; **ANL**: Adani Wilmar Limited; **ANL**: Adani Digital Limited | Note - Purple color represent public traded listed verticals;



Represents public traded listed verticals

## Adani Portfolio: Decades long track record of industry best growth with national footprint



## Secular growth with world leading efficiency



Growth 3x 6

**EBITDA 70%** 1,2



Growth 4x 6

EBITDA 92% 1,4



Growth 3x 6

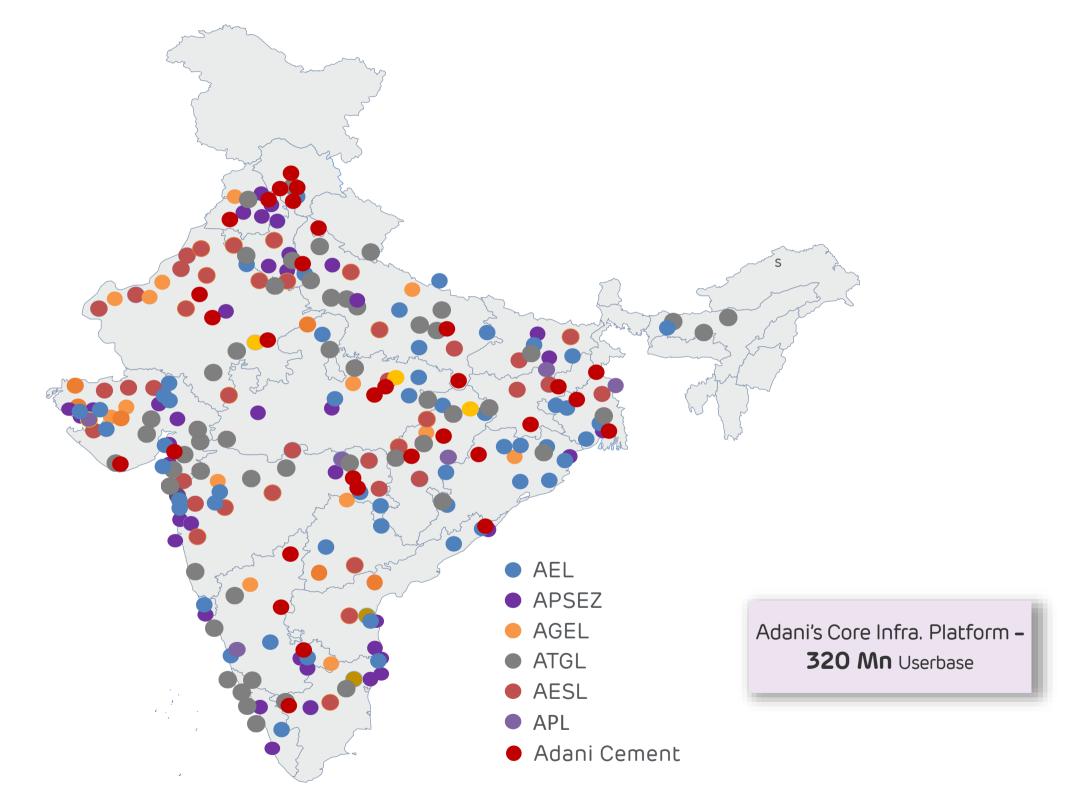
EBITDA 91% 1,3,5



Growth 1.4x 6

EBITDA 19% 1,3

## National footprint with deep coverage



Note: 1. Data for FY23; 2. Margin for Indian ports business only, Excludes forex gains/losses; 3. EBITDA = PBT + Depreciation + Net Finance Costs – Other Income; 4. EBITDA Margin represents EBITDA earned from power supply 5. Operating EBITDA margin of transmission business only, does not include distribution business, 6. Growth pertains to expansion and development aligned with market growth. Growth of respective Adami portfolio company vs. Industry growth is as follows: **APSEZ**'s cargo volume surged from 113 MMT to 339 MMT (13%) between 2014 and 2023, outpacing the industry's growth from 972 MMT to 1433 MMT (4%). **AGEL**'s operational capacity expanded from 0.3 GW to 8.1 GW (60%) between 2016 and 2023, surpassing the industry's growth from 46 GW to 125 GW (15%). AESL's transmission length increased from 6,950 ckm to 19,779 ckm (16%) between 2016 and 2023, surpassing the industry's growth from 3,41,551 ckm to 4,71,341 ckm (5%). **ATGL** expanded its geographical areas from 6 to 52 (31%) between 2015 and 2023, outperforming the industry's growth from 62 to 293 (21%). PBT- Profit before tax, ATGL-Adami Total Gas Limited, AEL: Adami Enterprises Limited, APSEZ: Adami Ports and Special Economic Zone Limited, AESL: Adami Energy Solutions Limited, APL: Adami Power Limited, AGEL: Adami Green Energy Limited I Growth represents the comparison with respective industry segment.

## Adani: Repeatable, robust & proven transformative model of investment



Phase		Development			Operations		Post Operations	
Centre of Excellence		Project Management & Assurance Group			AIMSL*		Policy - Strategy - Risk	k
	Origination	Site Development	Construction		Operation		Capital Mgmt	
	Analysis & market     intelligence	Site acquisition	• Engineering & design	•	Life cycle O&M		Redesigning the <b>capital structure</b> of the asset	
Activity	<ul><li>Viability analysis</li></ul>	<ul> <li>Concessions and</li> <li>Sourcing &amp; quality</li> <li>Viability analysis</li> <li>Concessions and</li> <li>Sourcing &amp; quality</li> <li>levels</li> <li>Asset Management</li> </ul>	·	• (	Operational phase			
• St	Strategic value	<ul> <li>Investment case development</li> </ul>	<ul> <li>Equity &amp; debt funding at project</li> </ul>		plan		funding consistent with asset life	
	India's Largest Commercial Port (at Mundra)	Longest Private HVDC Line (Mundra – Mohindergarh)	2,140 MW Hybrid cluster operationalized in Rajasthan in FY23		Energy Network Operation Center (ENOC)	•	Duration Risk Matching  Forex Currency Risk Manage  Interest Rate Risk manager	
							Governance & Assurance	
Performance	Highest Margin among peers	Highest line availability	India's first and World's largest solar- wind hybrid cluster		Centralized continuous monitoring of plants across India on a single cloud-based platform	•	(ABEX -Adani Business Exc	cellend
						319	29	29%
							March 2016 March  ■ Pvt. Banks ■ Bonds ■ DII	:h 2023

## AESL: A platform well-positioned to leverage growth opportunities in energy domain



**Development** 



### **Execution Prowess**

Transmission Network of **20,422 ckm**<sup>(1)</sup>

Built Longest Private HVDC Line (2)

## **Strategic Presence**

**Transmission** - Presence in 15 states **Distribution** - Integrated utilities catering to Mumbai (AEML) and Mundra (MUL)

**Smart Meters** - Presence in 5 states

## RAB expansion through Asset Hardening in Discoms

**8% CAGR growth** in RAB in Mumbai Discom in 5 years (since acquisition)

AEML growth strategy is emulated in MUL

**Operations** 



## **Operating Efficiency**

Robust network availability of 99.7%

One of lowest Distribution losses in the country (5.93% in FY23 in AEML)

**Highest EBITDA margin** in the sector (91% in Transmission)

## Consumer-centricity

Supplier of choice for 12 million+ consumers with a green power option

Smart Metering (84 million potential consumer base)

CSAT surveys for 12 critical processes for high consumer satisfaction (top 3%)

## Embedded ESG Framework

Decarbonisation of Grid (Achieved 30% RE power and on track to reach 60% by FY27)

Installed 3.36 MWp solar capacity for auxiliary consumption at substations

**Board Diversity and Strengthening** 

Capital
Management &
Value Creation



## Equity Partnerships(3)

Secured primary and secondary equity investments from marquee investors –

QIA in AEML in 2019 and GQG Partners in 2023 in AESL

(infusion of US\$ 1,175 million)

## Construction Framework Agreement

Fully funded plan, AESL has raised
US\$ 700 mn (US\$ 1.1 bn fully
drawn) revolving facility, additional
US\$ 2 bn GMTN program in place
for AEML Capex program

## Significant Growth Potential

Parallel Licensing, Smart Metering and Cooling Solutions

Increasing participation in **renewable grid** (e.g.: HVDC Mumbai, Khavda)

Green industrial cluster in Mundra

Note: 1) Transmission network is as of 31st December 2023 and includes operational, under-construction assets; 2) HVDC: High voltage direct current – Longest at the time of commissioning, 3) QIA's Investment in AEML: US\$ 452 mn (Rs 32 bn) total investment (US\$ 170 mn of Equity and US\$ 282 mn of shareholder sub-debt), GQG Investment of Rs. 6,014 Cr (US\$ 723 million) for 6.81% stake based on closing price of Rs 1,045.75 dated December 29, 2023





# AESL - Executive Summary and Key Focus Areas

## **AESL:** Executive Summary – Q3 FY24



## **Operational Update:**

### Transmission business:

- Added 302 ckm to operational network during the quarter, with total network at 20,422 ckm
- Maintained robust system availability of 99.7%
- During the quarter, operationalized Kharghar-Vikhroli and Khavda-Bhuj line.
- Received LOI for Khavda Phase-III Part-A & KPS 1 (Khavda Pooling Station) augmentation line

## Smart metering business:

- During the quarter, received LOA (letter of award) for Phase-2 smart metering contracts from Andhra Pradesh discoms and a new contract from the Uttarakhand discom. Total contracts awarded in Q3 aggregate to 2 million smart meters with a contract value of ~Rs. 2,300 crores
- The under-implementation pipeline now stands at 21.1 million smart meters, comprising nine projects with a contract value of over Rs. 25,000 crores

### **AEML Distribution business:**

- 14.75% YoY growth in energy demand units sold 2,489 million units vs. 2,169 million units last year
- Distribution loss improving consistently and stands at 5.46% in Q3FY24.

## Financial Update (YoY):

- Consolidated Revenue increased by 19% to Rs 3,615 Cr
- Consolidated operational EBITDA grew by 10% to Rs 1,454 Cr and total EBITDA at Rs 1,732 Cr
- Comparable PAT grew marginally in Q3FY24 to Rs 281 Cr
- Consolidated cash profit (ex one-time) of Rs 786 Cr during the quarter was 4% higher YoY

## Other Key Updates:

- AESL won the Global Sustainability Leadership Award 2023 from the World Sustainability Congress for outstanding leadership, commitment to reducing environmental impact, and dedication to promoting sustainable practices.
- AESL won the prestigious Golden Peacock Award in Environment Management (GPEMA). This underscores the company's commitment to sustainable practices.
- AEML received the Confederation of Indian Industry 2023 DX Award in the Best Practices category as the Most Innovative Company for its unwavering commitment to innovation and excellence.
- Received "Excellence in Procurement Innovation" and "Outstanding Leader in Procurement" award at the 8th ISM-India Conference & CPO Awards 2023.
- Awarded "Excellence in Road Safety" and "Excellence in Innovation in Safety Technology" at the OSH India Awards.
- "Platinum Award" for Occupational Health and Safety under the 8th Apex India Occupational Health and Safety Award 2023 by Apex India Foundation.
- Adani Electricity Mumbai made history on November 12, 2023,
   during the festival of Diwali by powering the city of Mumbai with
   100 percent renewable electricity for four hours

## AESL: Key Focus Areas – FY24 and Beyond



## Financial Summary - Q3 FY24

- Achieved double digits revenue growth of 19%
- Consolidated Operational EBITDA rose by 10% to Rs 1,454 Cr
- Consolidated Comparable PAT increased marginally to Rs 281 Cr
- Net debt to EBITDA as of 1H FY24 stands at 3.8x
- Fixed Asset Coverage (Fixed Assets / Net Debt ) as of 1H FY24 stands at 1.7x

## Robust Capital Management

- AESL continues to focus on shoring up equity, reducing the cost of debt, and bringing in marquee partners to share global corporate practices (Induction of QIA and GQG as equity partners)
- Continue to diversify debt sources and elongate the maturity profile
- Investment grade ratings remain intact. Strong thrust on the maintenance of the IG rating by constantly improving liquidity ratios, ensuring credit quality (BBB-/Baa3)
- Outlook revision to stable from negative by S&P Ratings in AEML

## Locked-in Growth and Outlook

AESL well placed to capture future growth through multiple avenues:

- Robust under-construction pipeline of Rs. 170 bn in Transmission and Rs 251 bn in Smart metering
- Strong growth potential in the Smart Metering business (untapped 135 mn meters)
- Distribution: Expansion into newer geographies through parallel license (Navi Mumbai, Greater Noida, Mundra Subdistrict) and RAB expansion opportunity at AEML
- Annual capex plan of Rs. 50-70 bn in near-to-medium term

## Integrated ESG Framework with a defined glidepath

- Announced commitment to become Net Zero by 2050
- Achieved 35% renewable power procurement as of December 2023. Targeting 60% by FY27.
- Enhanced resolve and contribution towards SDGs by achieving Zero Waste to Landfill (ZWL), Single Use Plastic (SuP) Free sites, and Net Water Positive Status for all O&M sites by the end of FY23
- ESG Rankings: MSCI (2023): BBB; S&P CSA (2022) scored 59/100 vs. a world electric utility average of 31; FTSE (2023): 4/5 (a world utility average of 2.7/5)



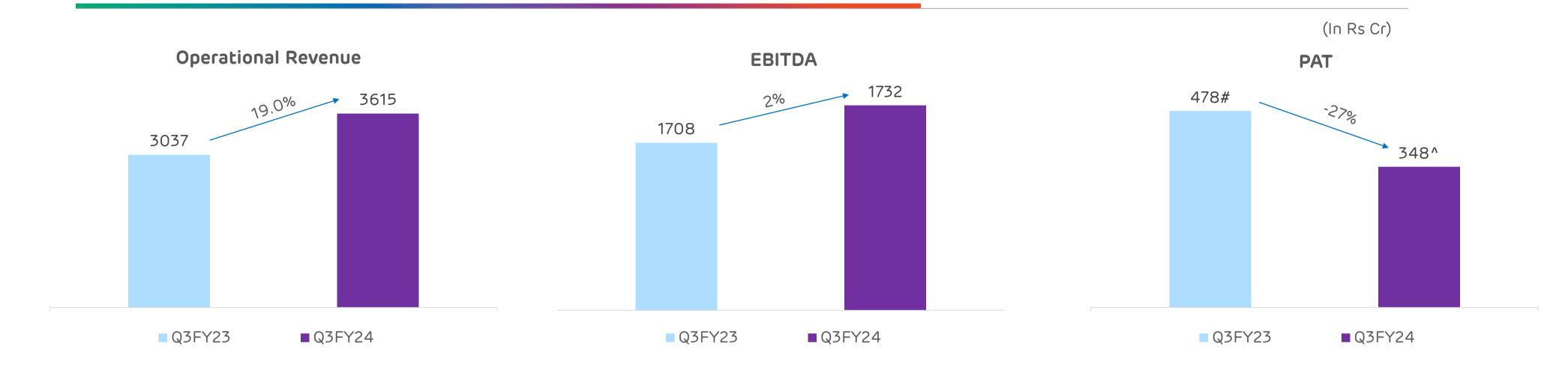


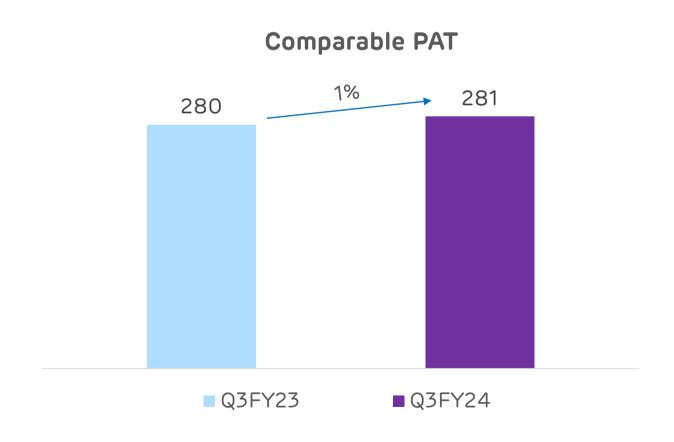
Revenue	Op EBITDA	Comparable PAT
Rs. 3,615 Cr	Rs. 1,454 Cr	Rs. 281 Cr
19% up YoY	10% up YoY	1% up YoY

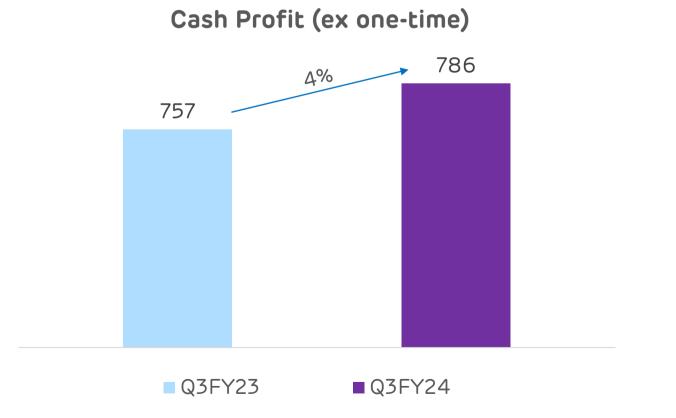
## Q3 FY24 Financial Highlights (YoY)

## AESL: Consolidated Financial Highlights Q3FY24 YoY



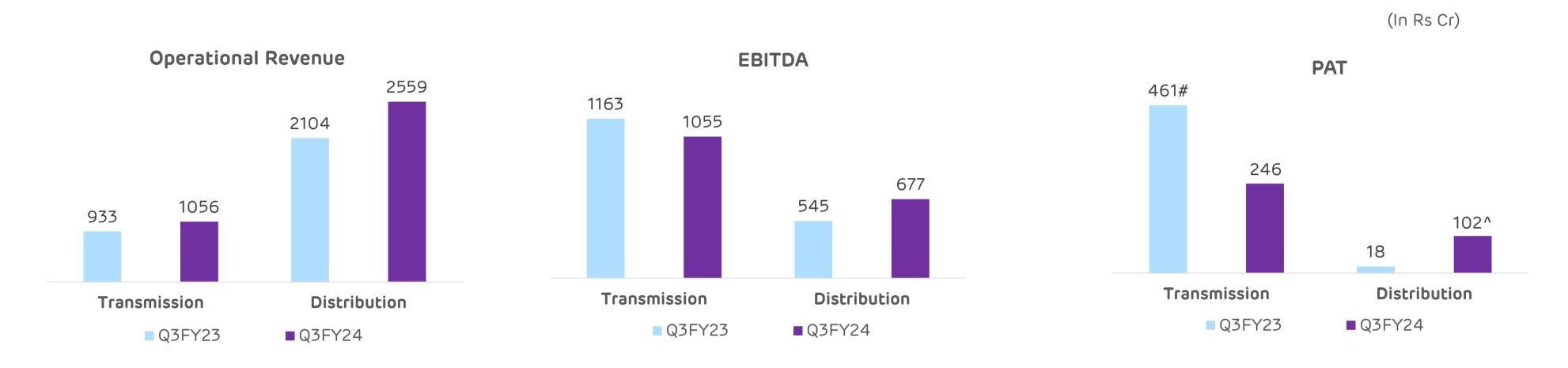


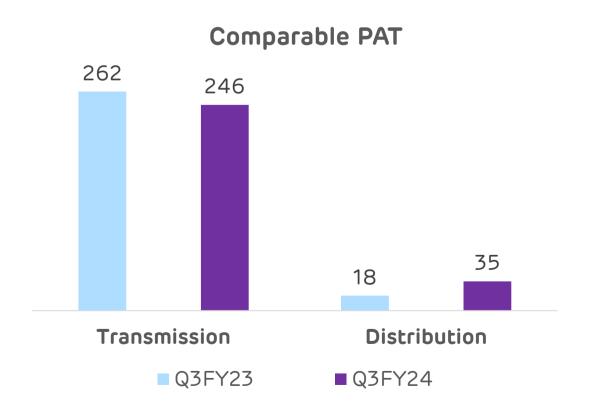


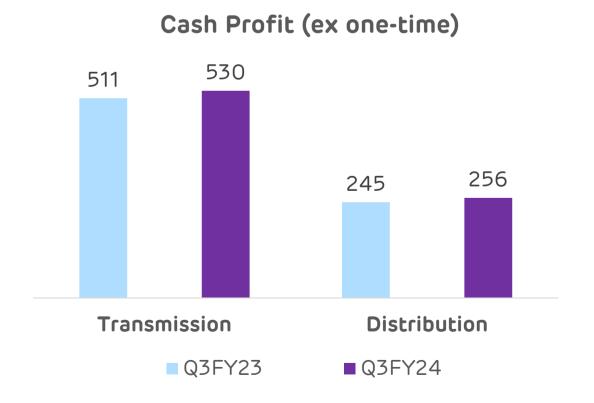


## AESL: Segment-wise Financial Highlights Q3FY24 YoY









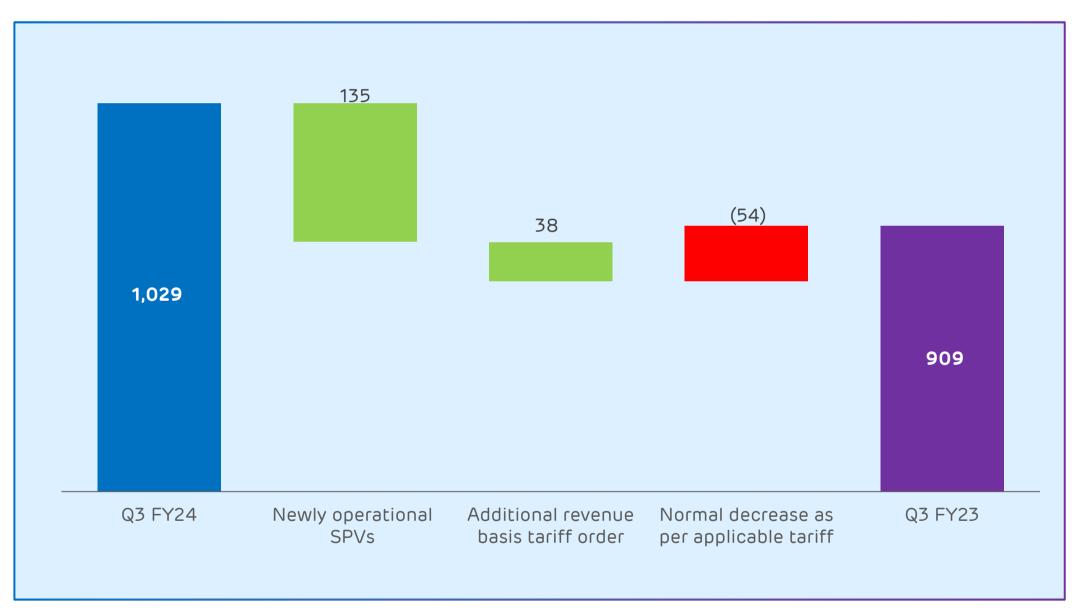
## AESL: Transmission Utility - Revenue and Operating EBITDA Bridge Q3FY24 YoY

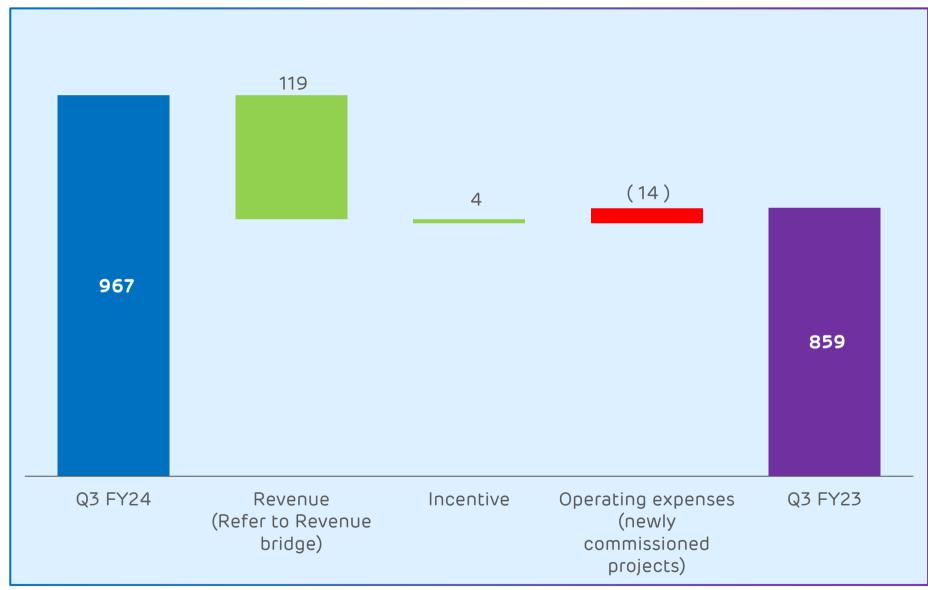


(In Rs Cr)

Revenue (excluding incentive) up 13% supported by revenue contribution from new line elements

Operating EBITDA up 13% driven by strong revenue



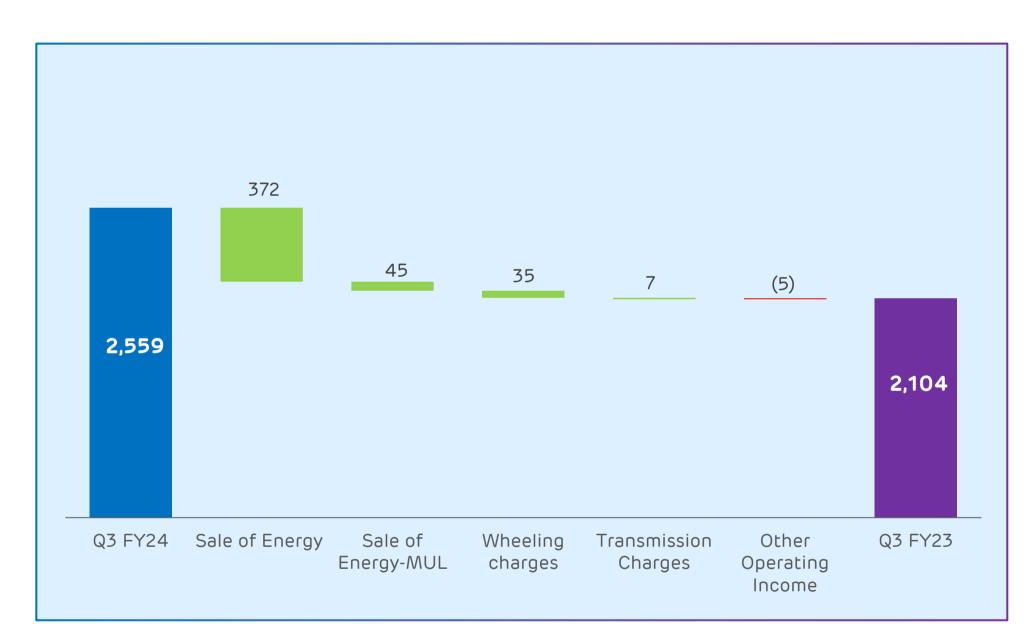


## AESL: Distribution (AEML+MUL) - Revenue and Operating EBITDA Bridge Q3FY24 YoY

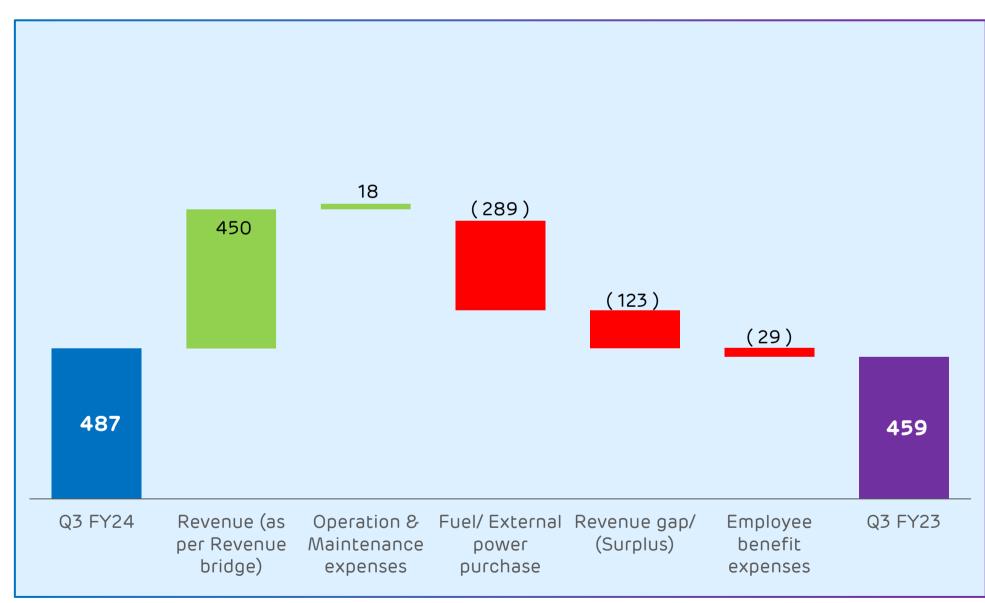


(In Rs Cr)

## Revenue up 22% driven by higher energy demand



## Operating EBITDA ended 6% higher







Revenue Op EBITDA Comparable PAT

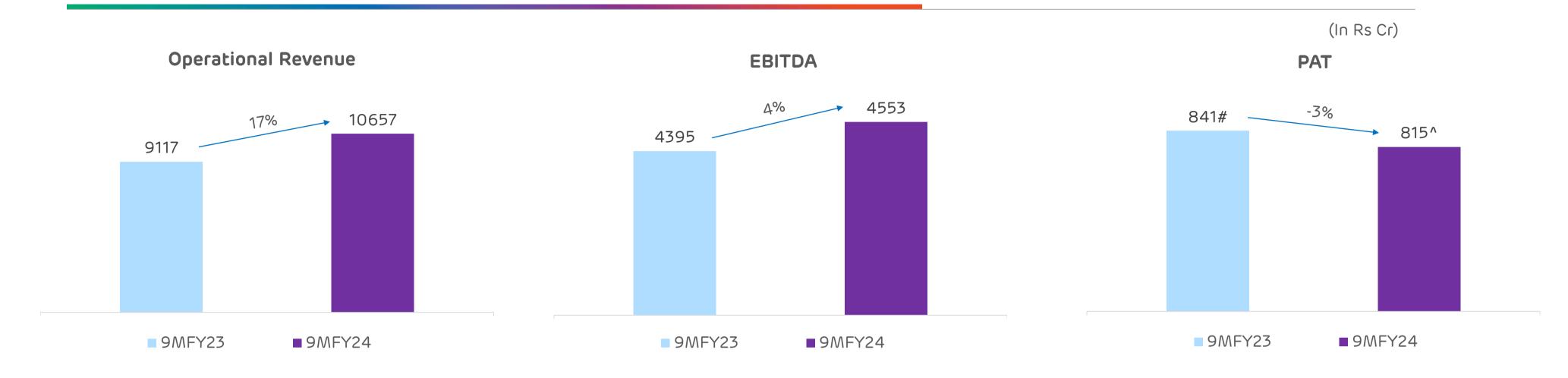
Rs. 10,657 Cr Rs. 4,077 Cr Rs. 812 Cr

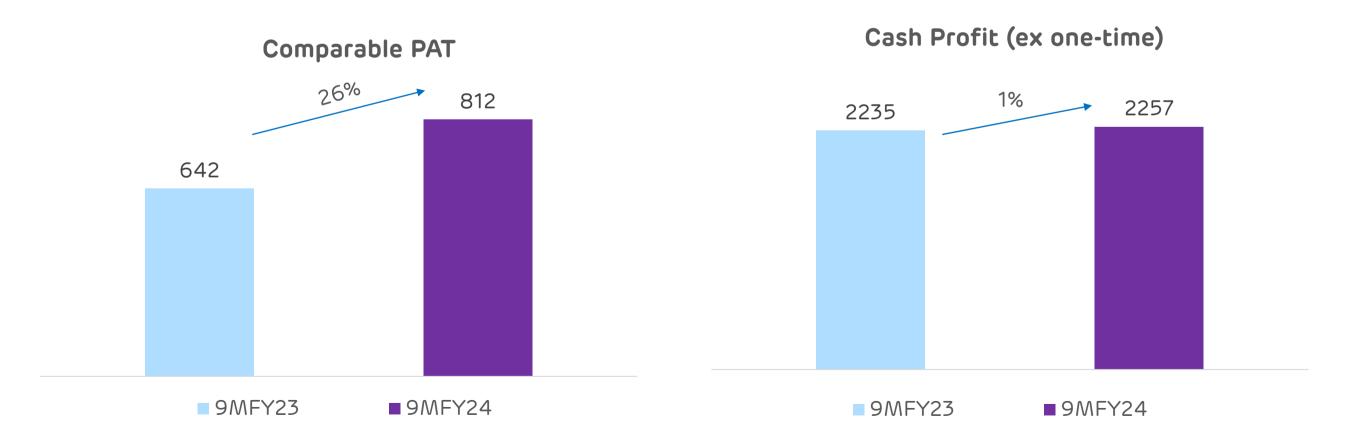
17% up YoY 8% up YoY 26% up YoY

## 9MFY24 Financial Highlights (YoY)

## AESL: Consolidated Financial Highlights 9MFY24 YoY

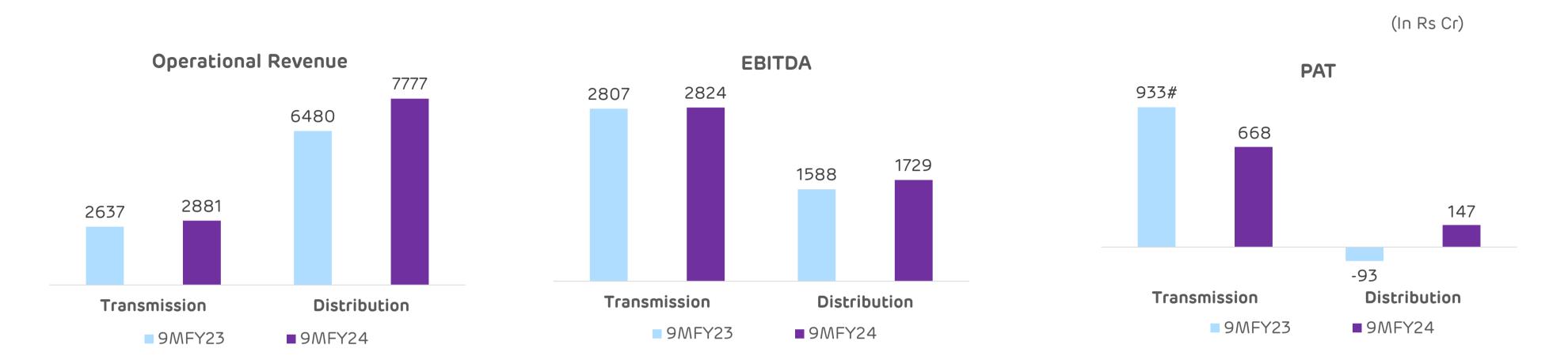


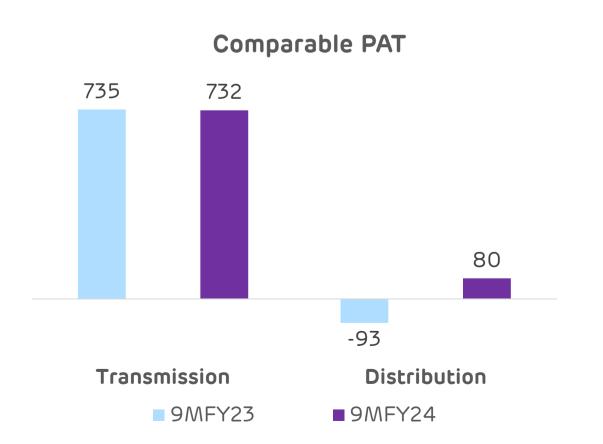


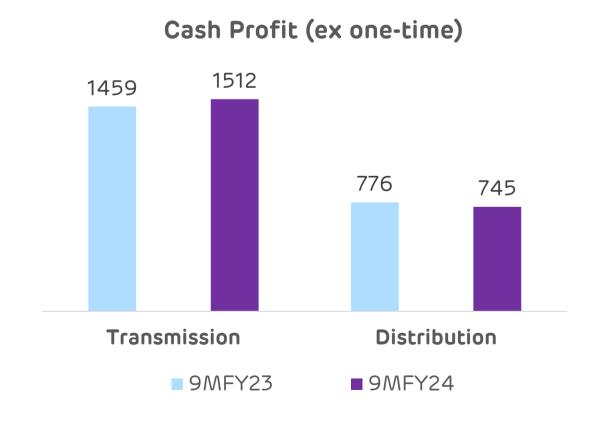


## AESL: Segment-wise Financial Highlights 9MFY24 YoY









## AESL: Transmission Utility - Revenue and Operating EBITDA Bridge 9MFY24 YoY

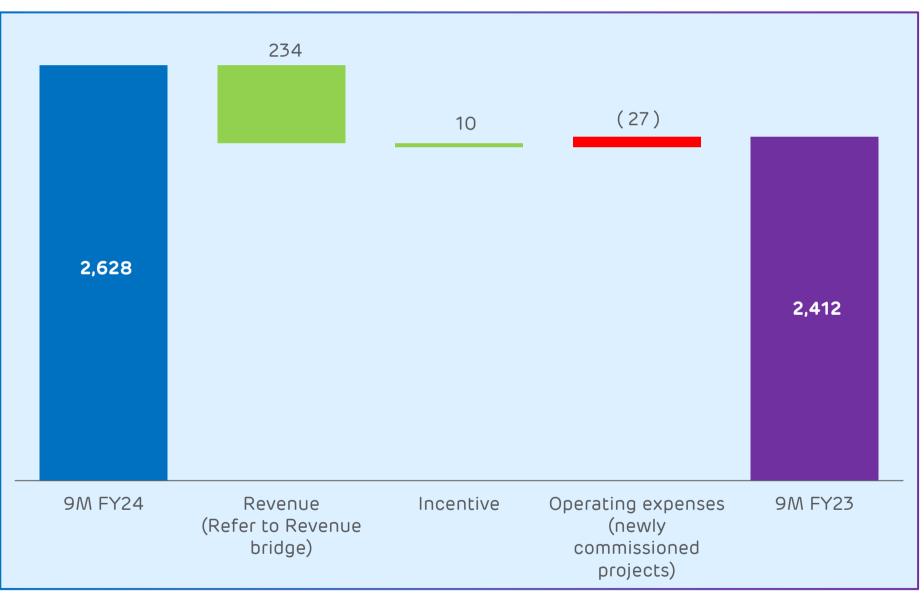


(In Rs Cr)

Revenue (excluding incentive) up 9% supported by revenue contribution from new line elements

## Operating EBITDA up 9% driven by strong revenue



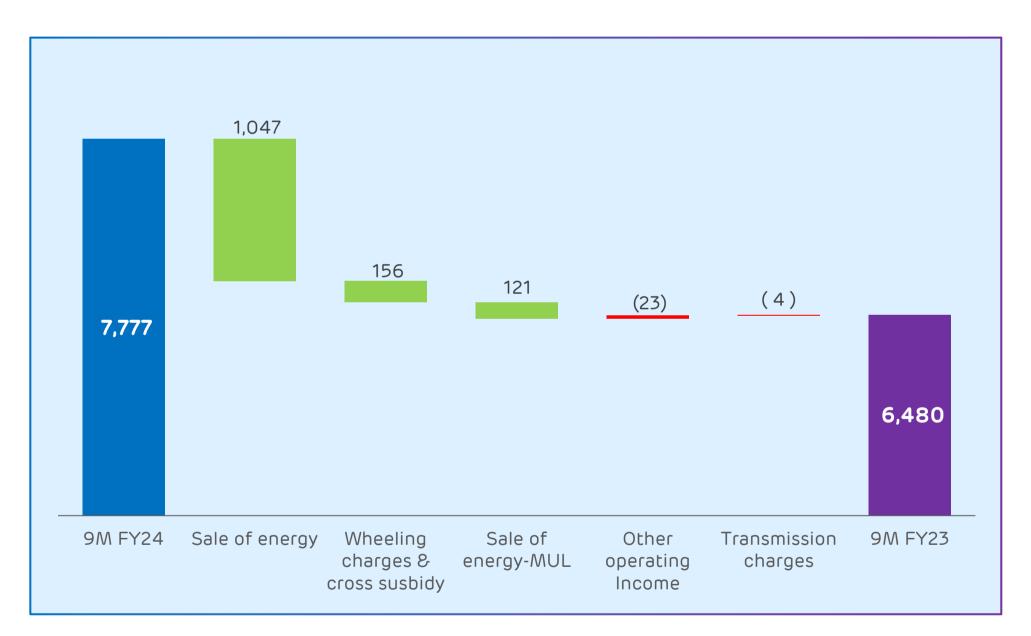


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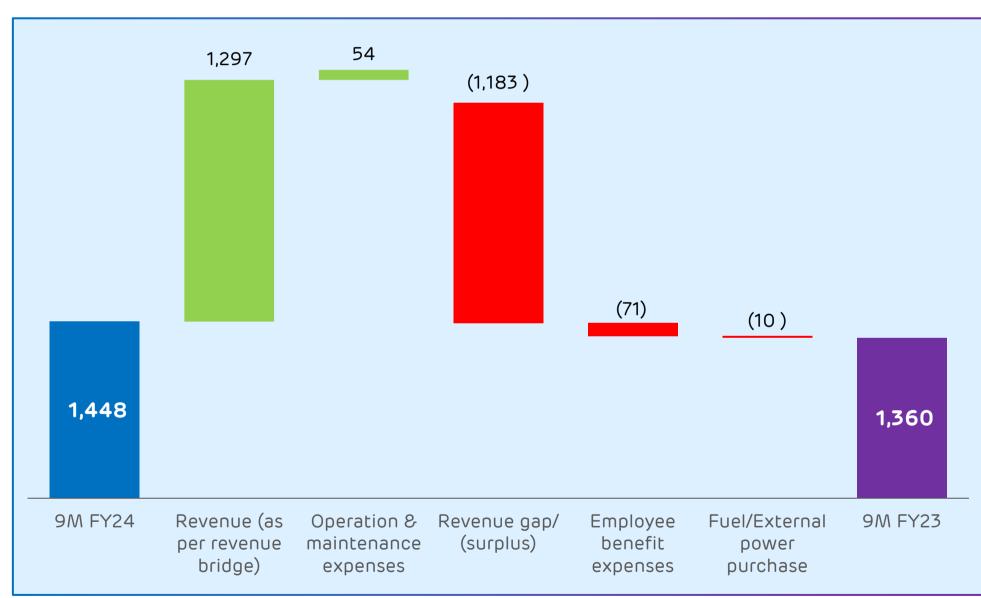


(In Rs Cr)

## Revenue up 20% driven by higher energy demand



## Operating EBITDA ended 6% higher



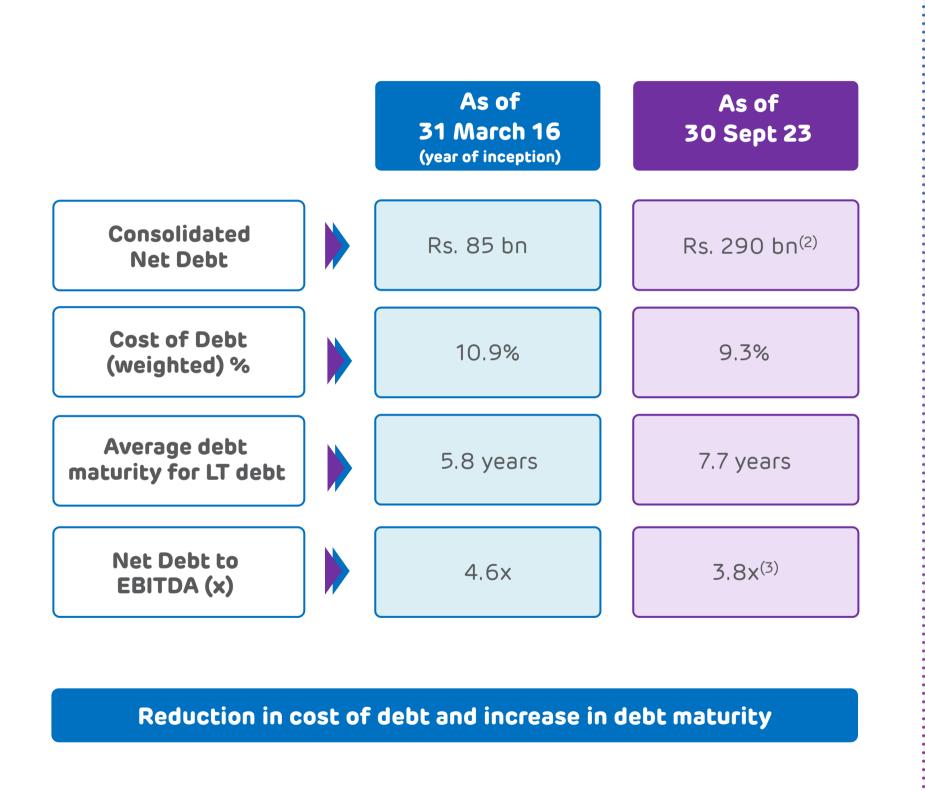


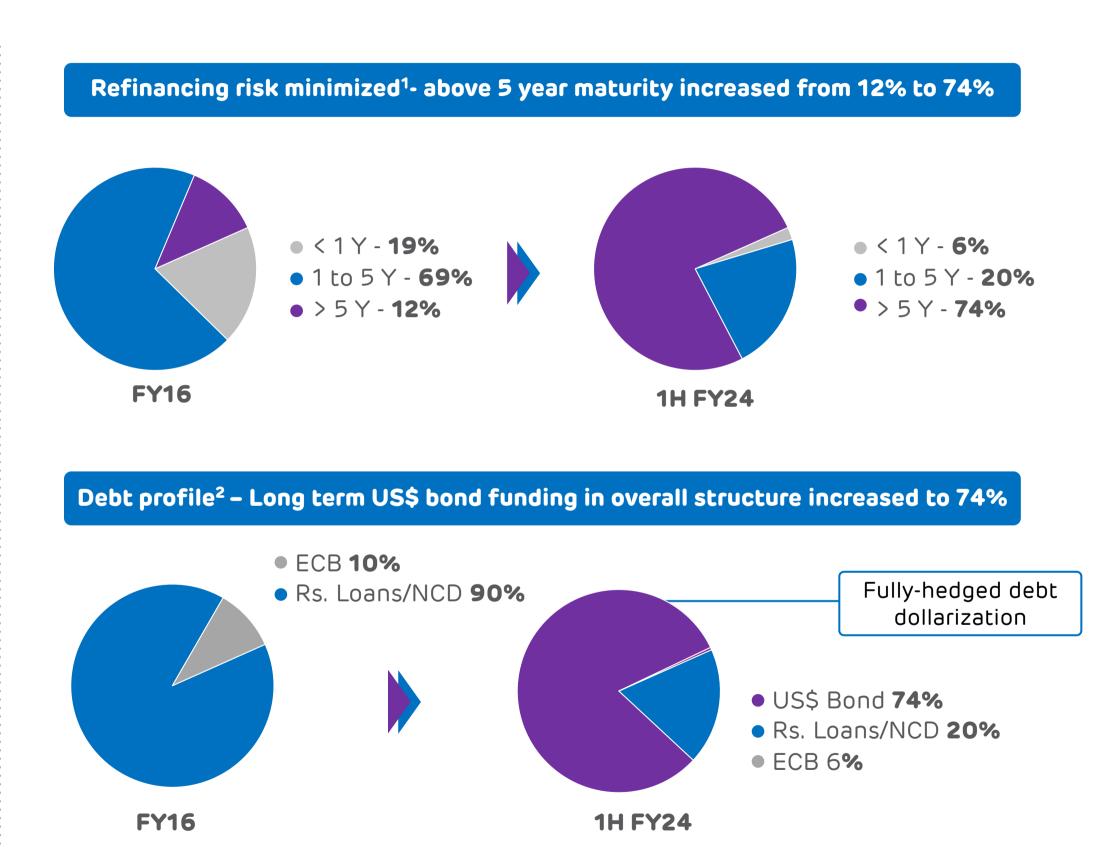


## 1HFY24 - Debt Profile

## **AESL's Capital Management Program** elongates debt maturity and significantly improves credit quality









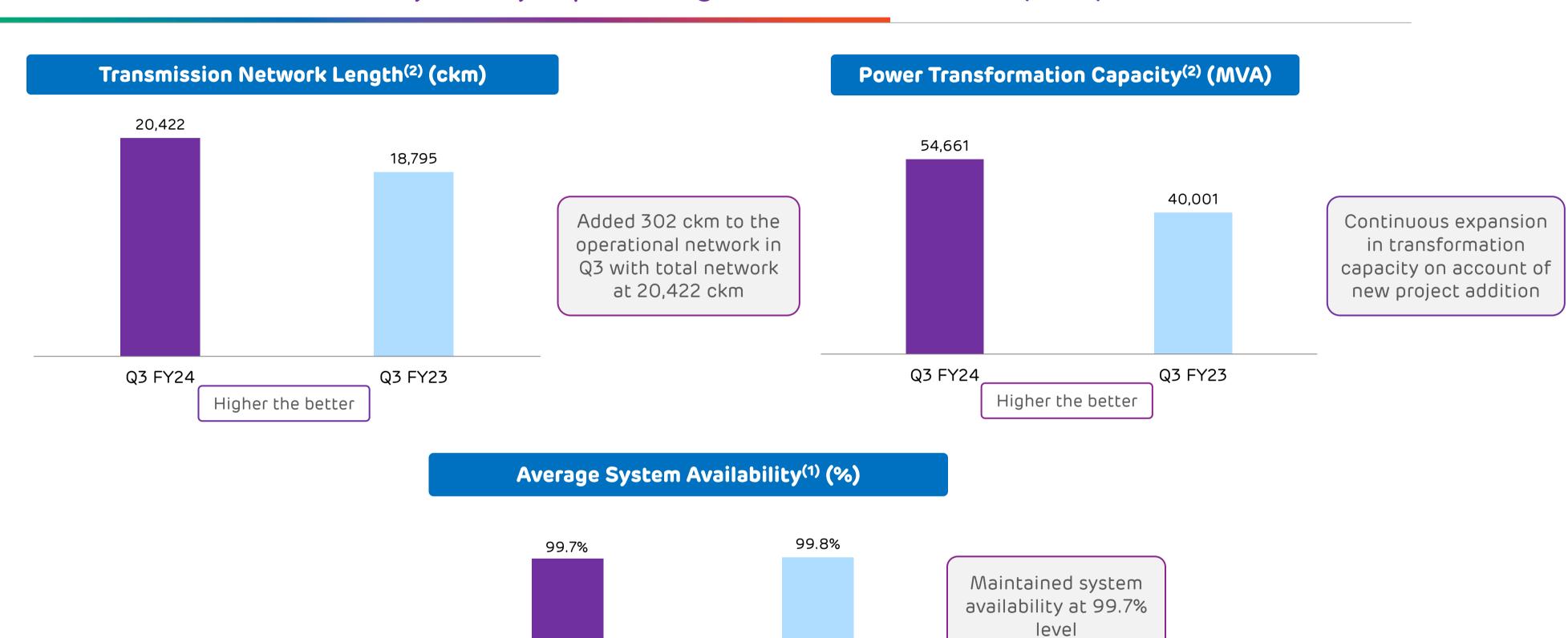


- Average Transmission System Availability
   99.67%
- Transmission Network at 20,422 ckm added **302 ckm**
- Supply Reliability (ASAI) in AEML is above
- Distribution Loss in AEML further improved to 5.46%

## Q3 FY24 Operational Highlights (YoY)

## AESL: Transmission Utility - Key Operating Metrics Q3FY24 (YoY)





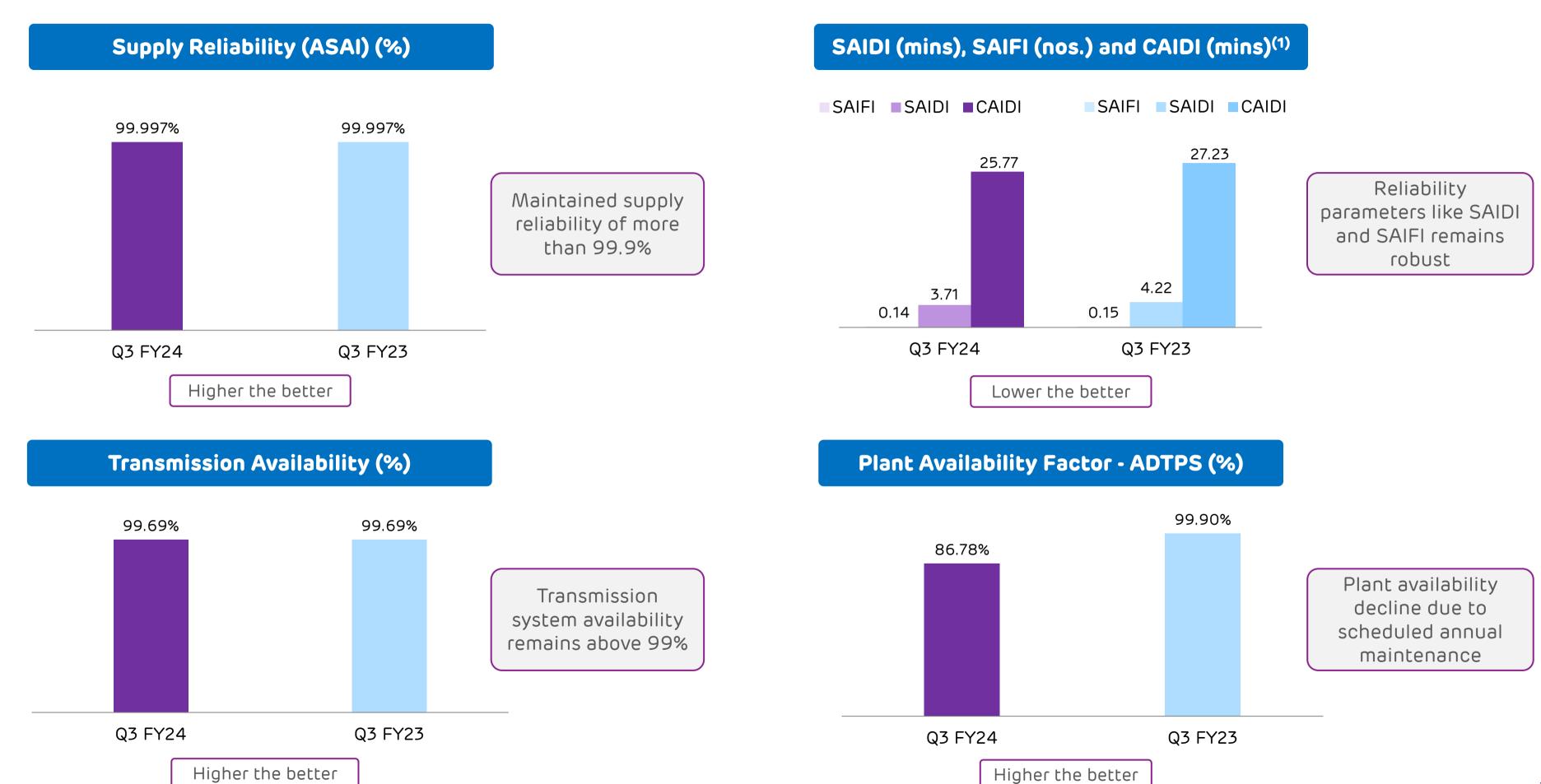
Q3 FY23

Q3 FY24

Higher the better

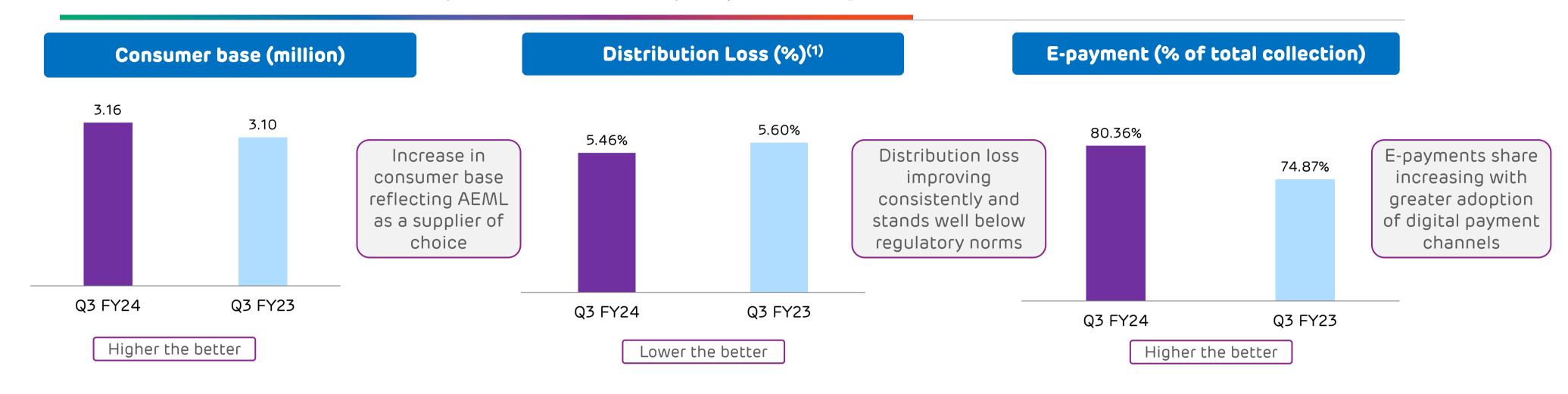
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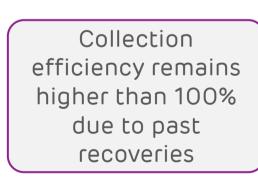


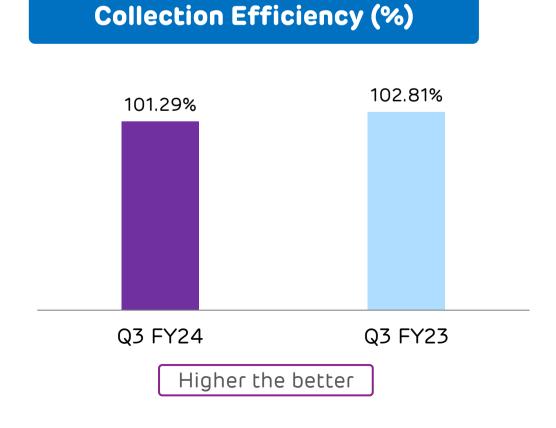


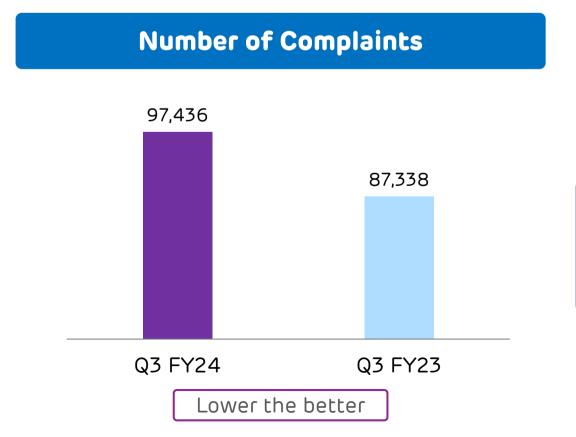
## AESL: Distribution Utility (AEML) - Key Operating Metrics Q3FY24 (YoY)











Consumer complaints increased slightly but remains low vs historical trend



## **AESL** is now certified

- Single Use Plastic (SUP) Free
- Net Water Positive
- Zero-Waste-to-Landfill

## Won the prestigious

AESL won "Global Sustainability Leadership Award 2023" by the "World Sustainability Congress" for best sustainable performance.

## Continue to maintain

Best-in-class ESG ratings

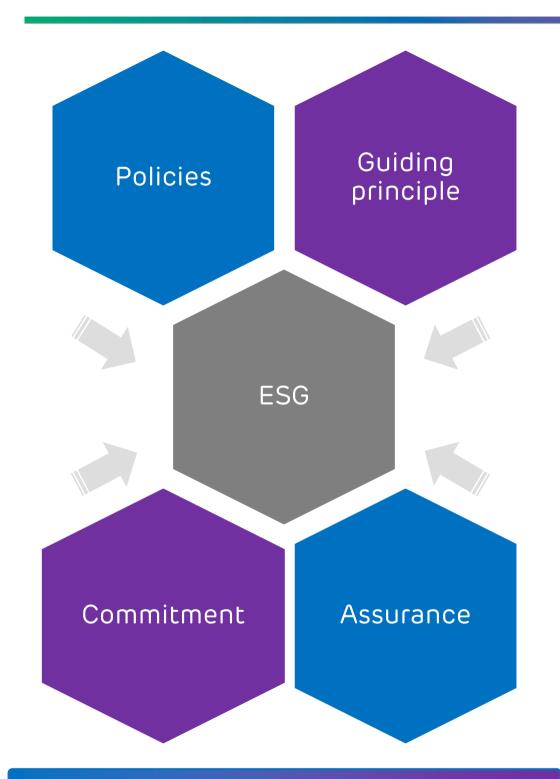
From global rating agencies:

- MSCI ESG Rating of 'BBB'
- DJSI-S&P Global Corporate Sustainability
   Assessment score of 62/100
- FTSE Score of 4.0/5 (world utilities avg. 2.7/5)

## AESL-ESG Framework

## **AESL**: ESG Framework





## **ESG Ranking**

- MSCI (2023): BBB
- S&P CSA (2023) **scored 62/100** vs. world electric utility average of 34
- FTSE (2023): **4/5** (world utilities avg. 2.7/5)

Guiding Principles and

**Disclosure Standards** 

United Nations Global Compact

GHG Protocol

SBTi

TCFD

Integrated Reporting framework

CDP disclosure

TNFD

UN Sustainable Development Goals

GRI Standards

## **Policy Structure**

• Environment, Energy, Water & biodiversity Policies

• Energy Management System

• Corporate Social Responsibility Policy

Occupational Health & Safety Policy

• Customer Grievance Redressal Mechanism

• Corporate Social Responsibility Committee

Corporate Responsibility Committee

• Risk Management Committees

• Stakeholders Relationship Committee

## Focus Areas

## **UNSDG** aligned:

- Affordable & Clean Energy
- Responsible consumption & production
- Sustainable Cities and Communities
- Climate Action
- Good Health & well being
- Decent Work And Economic Growth
- Quality Education
- Industry, Innovation & Infrastructure

## Others:

Consumer empowerment

## **Our Commitment:**

Climate-Related Financial Disclosures I TNFD - Taskforce on Nature-related Financial Disclosures I SBTi - Science Based Targets initiative I CDP - Carbon Disclosure Rating GHG - Green House Gas

- Increase renewable power procurement to 60% by FY27 (achieved 38% RE in Q2FY24) (SDG 7)
- Reduce GHG Emission Intensity<sup>(1)</sup> to 40% by FY25, 50% by FY27 and 60% by FY29 (SDG 13)
- Achieve Zero Waste to Landfill<sup>(2)</sup> for all operational sites (achieved in FY23)
- Achieve Single Use Plastic Free<sup>(2)</sup> (achieved in FY23)

## **AESL**: Key Environmental Indicators and Milestones



Key Performance Indicators	Current Status	Baseline	Medium to Lon	g-term Targets	
Energy Mix & Emission Intensity					
- RE share in power procurement	AEML has <b>achieved 35% renewable</b> in power mix as of December 2023	3% FY19	30% by 2023 (achieved 35%)	60% by FY27	
- GHG Emission Intensity Reduction	The target for GHG emissions reduction is in line with Nationally Determined Contribution (NDC) for climate change. Disclosed in terms of a reduction in GHG per unit of revenue.	FY19 2,254 tCO2e/EBITA	40% by FY25	70% by FY30	
Waste Reduction and Biodiversity Management					
- Zero waste to landfill (ZWL)	<ul> <li>Secured ZWL status from Intertek</li> <li>Covered all operational sites (substations and TLs) of AESL</li> <li>Achieved landfill diversion rate exceeding 99%</li> </ul>	No certification in FY19-20	Achieved <b>ZWL for all</b>	<b>0&amp;M</b> sites, AEML	
- Single use plastic (SuP) free sites	<ul> <li>Attained SUP free status from CII-ITC CESD</li> <li>Covered 37 operational sites of AESL</li> <li>Strengthening alignment with UNSDG 12</li> </ul>	No certification in FY19-20	Achieved <b>SUP free st</b> March 2023	atus for AESL in	
- India Business Biodiversity Initiative (IBBI) and ensure no net loss to biodiversity	<ul> <li>Signatory to IBBI and submitted first progress report in 2020</li> <li>Afforestation of 441 hectares area in FY21-22</li> </ul>	FY20-21 289 hectares	No net loss to biodive alignment with IBBI a based public disclosu	nd IBBI principles	
- Water Neutrality (Water conservation)	<ul> <li>Achieved "Net Water Positive" status for 30 substations and 07 TL clusters under UNSDG 6</li> <li>Carried-out rainwater harvesting feasibility study and implemented water metering across all sites</li> </ul>	No water neutrality in FY 19-20	Secured <b>Net Water Positive Certification</b> for all O&M sites in November 2022		
Energy Efficiency and Management					
- Reduction in auxiliary consumption through solar power	<b>3.362 MWp solar capacity</b> at Mahendragarh, Akola, Koradi, Sami, Morena, Rajnandgaon	Solar capacity of 1.7 MWp in FY19-20	Coverage across all tr Sites	ansmission	

## **AESL**: Social Philosophy and Focus Areas



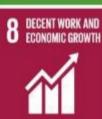
## **United Nations Sustainable Development Goals 2030**



6 GLEAN WATER AND SANITATION













5 GENDER EQUALITY











## Our social Initiatives are mapped to UNSDG 2030

### Access to Education

- 1. No Poverty
- 4. Quality Education





## Tiroda, Dahanu and Sami village

- Physical infrastructure and e-learning platform in rural areas
- Educational Kits (2830 students benefited) & School Uniforms to Anganwadi children (5780 students benefited)
- Education & awareness in areas of Cleanliness and Safety (1900 Schools Covered)

## Community Health

3. Good Health & Well Being



Multiple locations

- Distribution of Dura Oxygen Cylinders to various hospitals in Dahanu Taluka for medical treatment of COVID patients
- Infrastructure development of two vaccination centers enhance Covid vaccination drive: >17 K vaccination done at the two centers

## Women's Empowerment

- 2. Zero Hunger
- 5. Gender Equality
- 8. Decent Work & Economic Growth





## Dahanu and Mumbai

- Saksham: Skill development of women through social program through National Skill Training Institute (Women)
- Inducted first ever All Women Team of meter readers
- Sanginis: Identifying and nurture women as a change agent in rural hamlets; developed 123 Sanginis till date

## Sustainable Livelihood

- 2. Zero Hunger
- 8. Decent Work & Economic Growth







Dahanu

 Provide support for livelihood for landless laborers In association with NABARD covering 11 villages of Dahanu and 1,000 land-owning families

## **Ecology**

- 7. Affordable and Clean Energy
- 13. Climate Action
- 14. Life Below Water
- 15. Life on Land







## Mumbai and Dahanu

- AEML has achieved 38% renewable in power mix in September 2023
- Plantation of mangroves (>20 Mn cumulative)
- >50% open area converted in green land

## Water Secure Nation

6. Clean Water and Sanitation



Multiple locations

- Drinking water filtration plant at Agwan village of capacity 5m3/hr, where around 5,500 people benefited
- Rain-water harvesting and Borewell for increasing ground water table



## **AESL**: Key Social Indicators and Milestones



Material Categories	Material Themes	Key Performance Indicators	Baseline	Target (FY23-24)
		Rate of fatalities per million hours worked	Zero (FY 20-21)	Zero
Health & Safety	Work related injury	Rate of recordable work-related injuries per million man-hours worked	0.33 (FY 20-21)	Zero
	Safety awareness and training	Average hours of training provided per person on health and safety	15.6 (FY 20-21)	Further improve from baseline
Diversity and Inclusion	Measurement of Diversity and Inclusion Metrics and Enforcement of policies	<ul> <li>Women as a percentage of new hires and total workforce (%)</li> <li>Mapping &amp; Disclosure of Regional &amp; ethnic diversity</li> <li>Mapping &amp; Disclosure of inclusiveness</li> </ul>	<ul> <li>New Hire: 5 %</li> <li>Total Workforce: 5%</li> <li>Regional &amp; Ethnic diversity: NO mapping</li> </ul>	<ul> <li>New Hire: 10%</li> <li>Total Workforce: 6%</li> <li>Regional &amp; Ethnic diversity: 100% mapping</li> </ul>
Human Rights	Training on human rights	<ul> <li>Employees trained in human rights (%)</li> <li>Security Personal trained in human rights (%)</li> <li>Due diligence of business &amp; value chain</li> </ul>	-	100%
Skills for the future	Skill development trainings	Training and development expenditure for employees (INR)	Rs 3.81 Cr (FY 20-21)	Rs 4.69 Cr
Responsible Procurement	Proportion of spending on local suppliers (%)	<ul> <li>Spend on local suppliers against the total procurement budget (%)</li> <li>Due diligence of supply chain</li> </ul>	99.4 % (FY 20-21)	Maintain FY21 Performance
	Supplier screening on ESG metrics	Suppliers screened on ESG criteria (%)	100% (Critical New Suppliers)	100% (Critical All Suppliers)

## **AESL**: Governance Philosophy and Focus Areas



## **Policies**

## Committees

## **Assurance**

- Environment Policy covered in BR Policy
- Water Policy
- Bio-diversity Policy
- Due –diligence for CoC, HR, ESG etc



- Corporate Responsibility Committee
- Risk Management Committee

- Corporate Social Responsibility Policy
- Occupational Health and Safety Policy
- Human Rights covered in BR policy



- Corporate Social Responsibility Committee
- Stakeholder Relationship Committee

- Related Party Transaction Policy
- Dividend Distribution and Shareholder Return
- Nomination and Remuneration
- Code for Fair Disclosure of UPSI



- Audit Committee (100% independent directors)
- Nomination and Remuneration Committee (100% independent directors)
- Risk Management committee
- Info tech and data security committee

## Corporate Responsibility Committee

Established "CRC" to provide assurance for all ESG commitments comprising of 100% Independent directors

Enabling board backed assurance leading to lower risk to stakeholders

## **AESL**: Key Governance Indicators and Milestones



Material Categories	Material Themes	Key Performance Indicators	Baseline	Actions Taken and Goals
Board Gender Diversity	Board Gender Diversity	Balance the board composition in terms of men and women directors	16.6% - women directors in board as of FY21	<ul> <li>% of women directors in board improved to 28.5% (2 of 7 board members)</li> </ul>
Board Independence	Great Board Independence and Improved Disclosures	<ul> <li>Improve board strength and independence</li> <li>Incorporate non-statutory committees</li> <li>Enhance disclosures in board &amp; committee meetings</li> </ul>	<ul> <li>6 directors as of FY21</li> <li>Only statutory committees as of FY21</li> </ul>	<ul> <li>Board now comprises of total 7 directors with 4 (58%) independent directors</li> <li>Enhanced disclosures through formation of new committees with min. 50% IDs (CRC, RMC, PCC, IT &amp; Data Security)</li> <li>Committees chaired by Independent Directors (Audit, NRC, STC)</li> </ul>
Code of Conduct	Corruption and Bribery Cases	<ul> <li>Number of Corruption cases and Bribery and Associated Risks</li> <li>Adoption of Anti Corruption and Bribery Policy</li> <li>% of Governance body members and employees trained on anti-corruption</li> </ul>	• Zero corruption cases	<ul> <li>Company Adopted Anti Corruption and Bribery Policy</li> <li>Zero Case on Corruption and Bribery</li> <li>Identification and Assessment of risks</li> <li>Yearly DD for CoC for board, employees, suppliers &amp; ABAC policy</li> </ul>
Anti-competitive Practices	Fines and Settlements	<ul> <li>Fines or settlements paid related to anti- competitive business practices (INR)</li> </ul>	Zero as of FY21	<ul><li>Zero in FY23 and beyond</li><li>Yearly ABAC due diligence</li></ul>
Customer orientation and satisfaction	Consumer Satisfaction	<ul><li>Affordable tariffs</li><li>Service reliability</li><li>Sustainable power</li></ul>	<ul><li>Distribution loss reduction</li><li>CSAT surveys</li><li>Reliability metrics</li></ul>	<ul> <li>Competitive tariff through RE power</li> <li>Option to switch to Green power tariff</li> <li>Advanced metering implementation for 12 million consumers</li> </ul>
Corporate Governance Standing	ESG Ratings	Improvement in ratings through improved disclosures and adoption of best practices	<ul><li>CSA: 59/100 (2022);</li><li>FTSE: 3.3/5 (2022)</li></ul>	Target 2023-24:  • CSA – 62/100 (Achieved 69/100 w/o MSA)  • FTSE: 4/5 (Achieved in FY23)

### Notes:

A) List of non-statutory committees – CRC: Corporate Social Responsibility & Sustainability Committee; PRC: Public Consumer Committee; Information Technology & Data Security Committee; RMC: Risk Management Committee; B) List of statutory committees: SRC: Stakeholders' Relationship Committee NRC: Nomination and Remuneration Committee; STC: Securities and Transfer Committee; Audit Committee;

C) Sub-committees under Risk Management Committee: Mergers & Acquisitions Committee; Legal, Regulatory & Tax Committee; Reputation Risk Committee

## **AESL:** Enhanced Safety Culture



## Safety Initiatives During Q3FY24

- Safety training: 47,683 man-hours of safety training and awareness during Q3 FY24
- Positive Safety Culture:
  - Monthly Safety Quiz Series, Safety Perception Survey and a reference book guiding 'When to Stop the Job' to enhance safety awareness
  - o 2 Days of "URJA"- Electrical Safety Campaign on 5E Model (Exposure, Enable, Educate, Equip and Ensure) was conducted at various sites.
  - o Group Safety Audit was conducted at KVTL & Mahendergarh SS project site
  - Mandatory Safety Training Session on RVDTS LOTO, CSM, PPEs, Incident Reporting, Investigation and Work at Height was conducted by T&T's to ensure maximum knowledge retention.
- "SAMPARK" An initiative for AEML premium customers carried out to know safety concerns along with other commercial issues
- "Saksham" Mandatory Contractor Workmen Incubation & Induction Program was conducted at various sites to enhance training effectiveness
- OSH India Award 2023: AEML awarded "Excellence in Road Safety" and "Excellence in Innovation in Safety Technology" at the OSH India Awards for road & workplace safety.

## Safety Performance in Q3FY24

	Transmission		Distributi	on (AEML)
Safety Parameters	Q3FY24	Q3FY23	Q3FY24	Q3FY23
Near Miss Reporting (Awareness)	1,308	1,671	1,901	1,850
Suraksha Samwad (Safety Dialogue)	1,751	2,862	2,661	2,701
LTI	0	0	1	5
Fatalities	0	0	0	0
LTIFR (LTI Frequency Rate)	0	0	0.19	1.07
LTI (LTI Severity Rate)	0	0	4.53	31.69
Safety training (in Man-Hours)	26,476	40,254	21,207	20,051











## Recent Award and Achievements

## **AESL:** Recent Awards & Achievements



Adani Energy Solutions has won the prestigious Golden Peacock Award in Environment Management (GPEMA). This award underscores company's

commitment to sustainable practices.

AEML awarded "Excellence in Road Safety" and "Excellence in Innovation in Safety
Technology" at the OSH India Awards for road & workplace safety

Received "Excellence in Procurement Innovation" & "Outstanding Leader in Procurement" award at 8th ISM-India Conference & CPO Awards 2023 for the company's commitment to innovation, sustainable & strategic procurement practices

AESL's 37 operational sites are now certified as 'Single-use Plastic Free' strengthening our commitment to SDG 12

AESL won Global Sustainability Leadership
Award 2023 by the World Sustainability
Congress for best sustainable performance

AESL awarded **Platinum Award** for Occupational Health and Safety at the 8th Apex India Occupational Health and Safety Award 2023

AESL achieved **Zero Waste to Landfill** (**ZWL**) certificate for all O&M sites from Intertek

AEML received Confederation of Indian Industry 2023 DX Award in the Best Practices category as the Most Innovative Company for the company's unwavering commitment to innovation and excellence

Attained **Water Positive** certification from DNV which signifies water credit is higher than the water consumed





Annexure-Rating and Operational and Under-construction Asset Portfolio

## AESL and AEML Credit Ratings



## International - ATSOL Obligor Group (Transmission business) (Reg S/ 144A)

Rating Agency	Facility	Rating/Outlook
Fitch	Dollar Bond	BBB-/Stable
Moody's	Dollar Bond	Baa3/Negative

## International – AESL USPP (Transmission business) (Reg D)

Rating Agency	Facility	Rating/Outlook
Fitch	Dollar Bond	BBB-/Stable
Moody's	Dollar Bond	Baa3/Stable

## International – AEML US\$ 1 bn (Reg S/144A) and US\$ 300 mn GMTN (Distribution business)

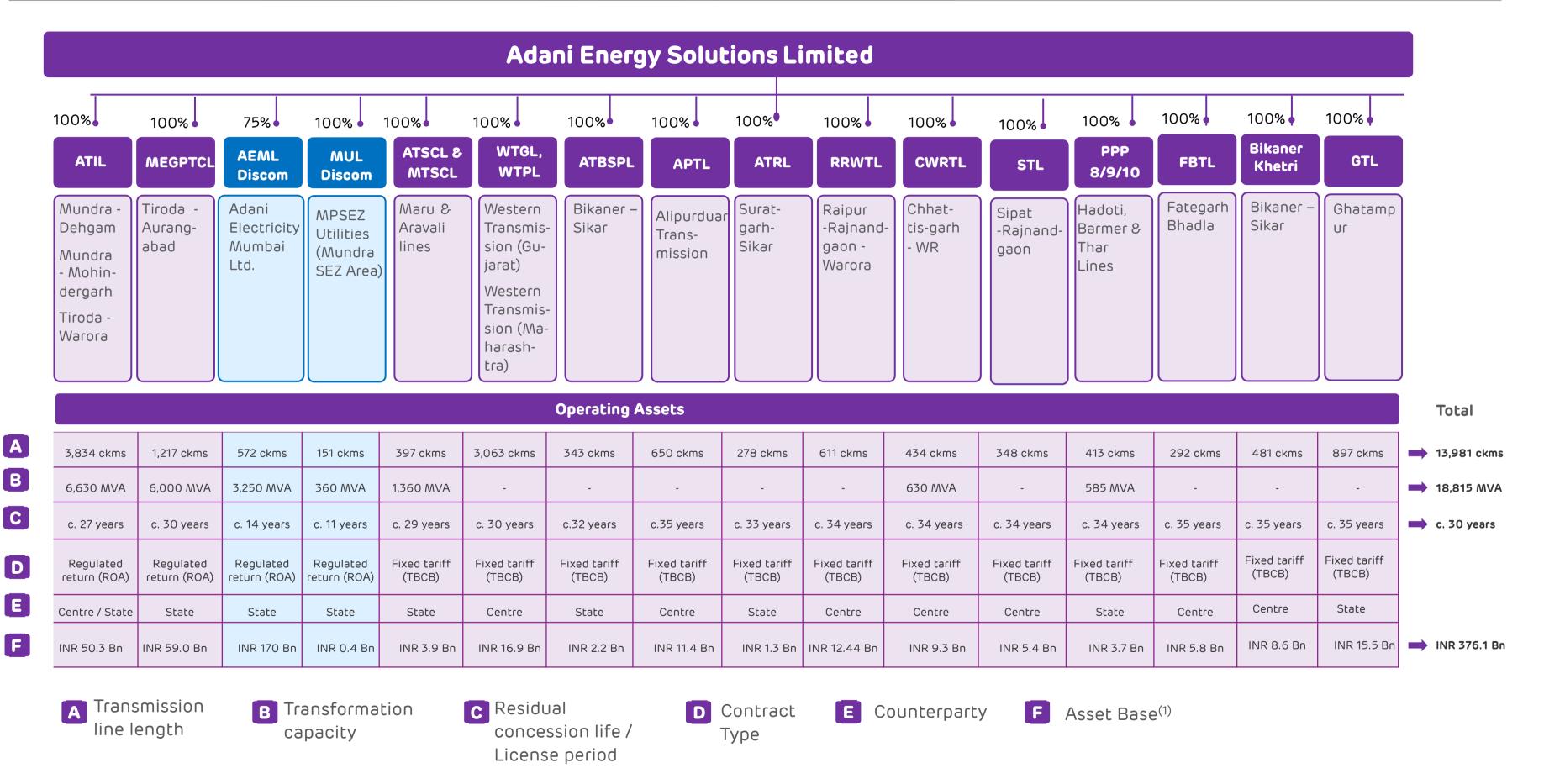
Rating Agency	Facility	Rating/Outlook
Fitch	Dollar Bond (for both)	BBB-
S&P	Dollar Bond (US\$ 1 bn)	BBB-/Stable
Moody's	Dollar Bond (for both)	Baa3/Negative

## **SPV Ratings - Domestic**

Company	Rating Agency	Rating	Outlook
AESL	India Ratings	AA+	Negative
AESL	ICRA	A1+	-
MEGPTCL	India Ratings	AA+	Negative
ATIL	India Ratings	AA+	Negative
WTGL	India Ratings	AAA	Stable
WTPL	India Ratings	AA+	Stable
MTSCL	India Ratings	AA-	Stable
ATSCL	CARE	А	Stable
ATBSPL	India Ratings	AA-	Stable
FBTL	CARE	A+	Stable
OBTL	CARE	Α	Stable
AEML	India Ratings	AA+	Stable
JKTL	India Ratings	A-	Stable
WKTL	India Ratings	A-	Stable
Alipurduar	India Ratings / Crisil	AAA	Stable
ATSOL	India Ratings	AA+	Negative

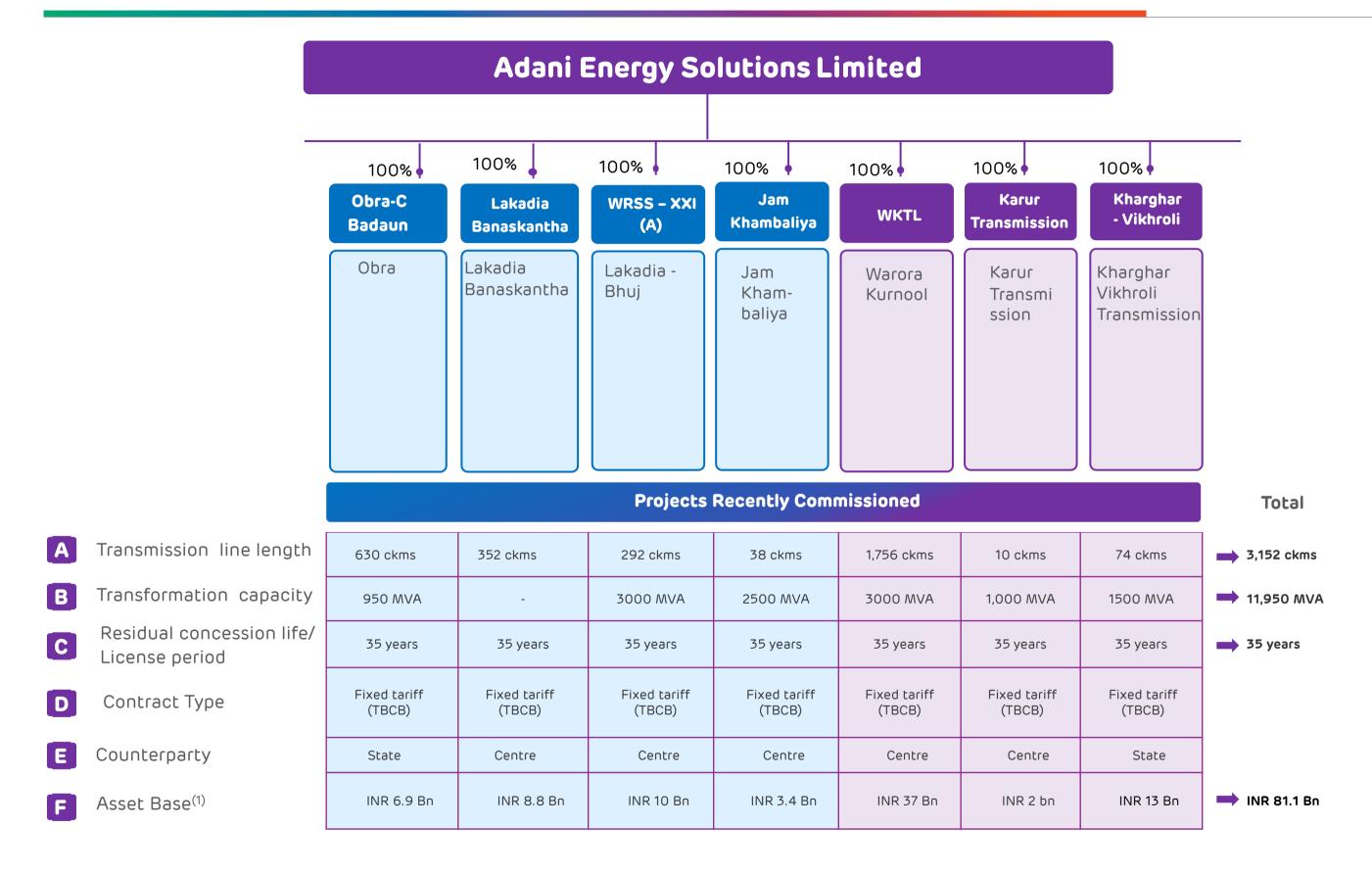
## AESL's Operational Asset Portfolio as of Dec 2023 (1/2)





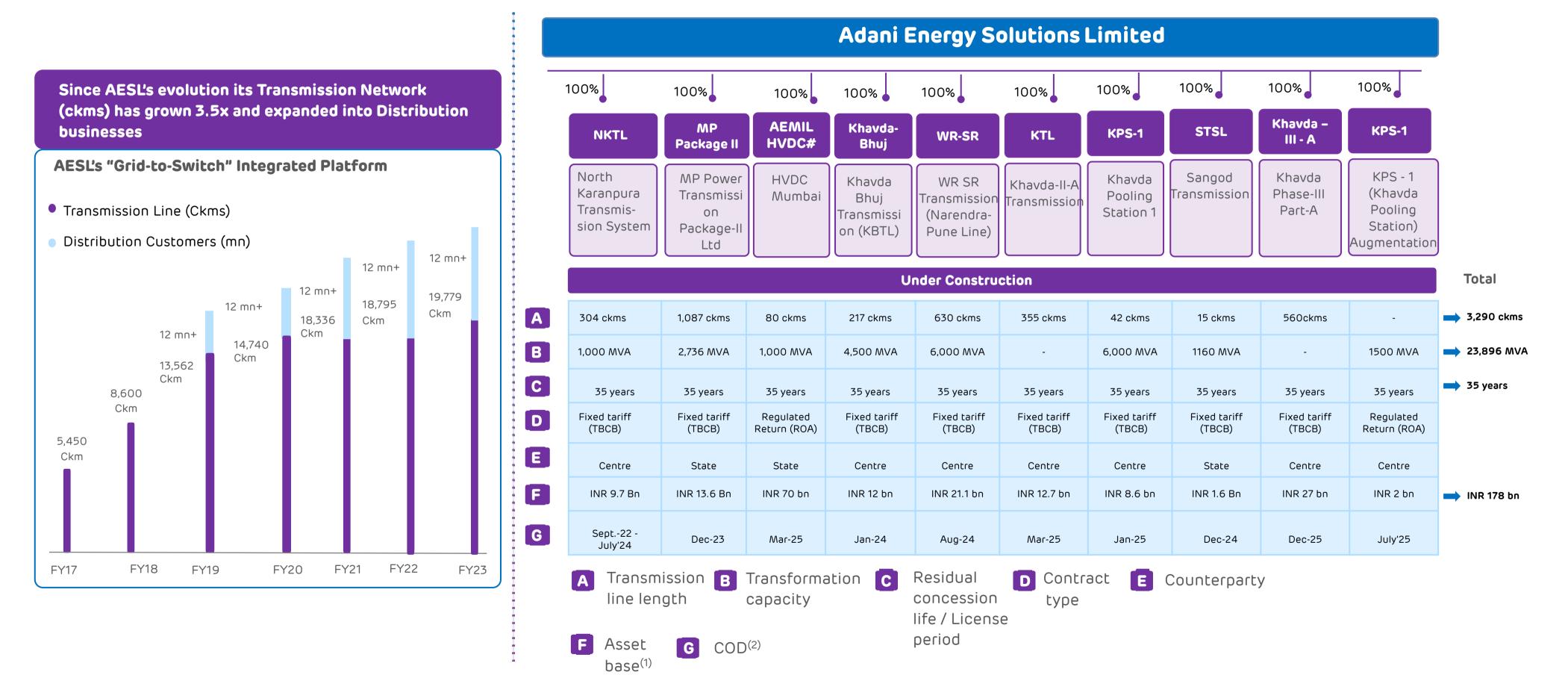
## AESL's Operational Asset Portfolio as of Dec 2023 (2/2)





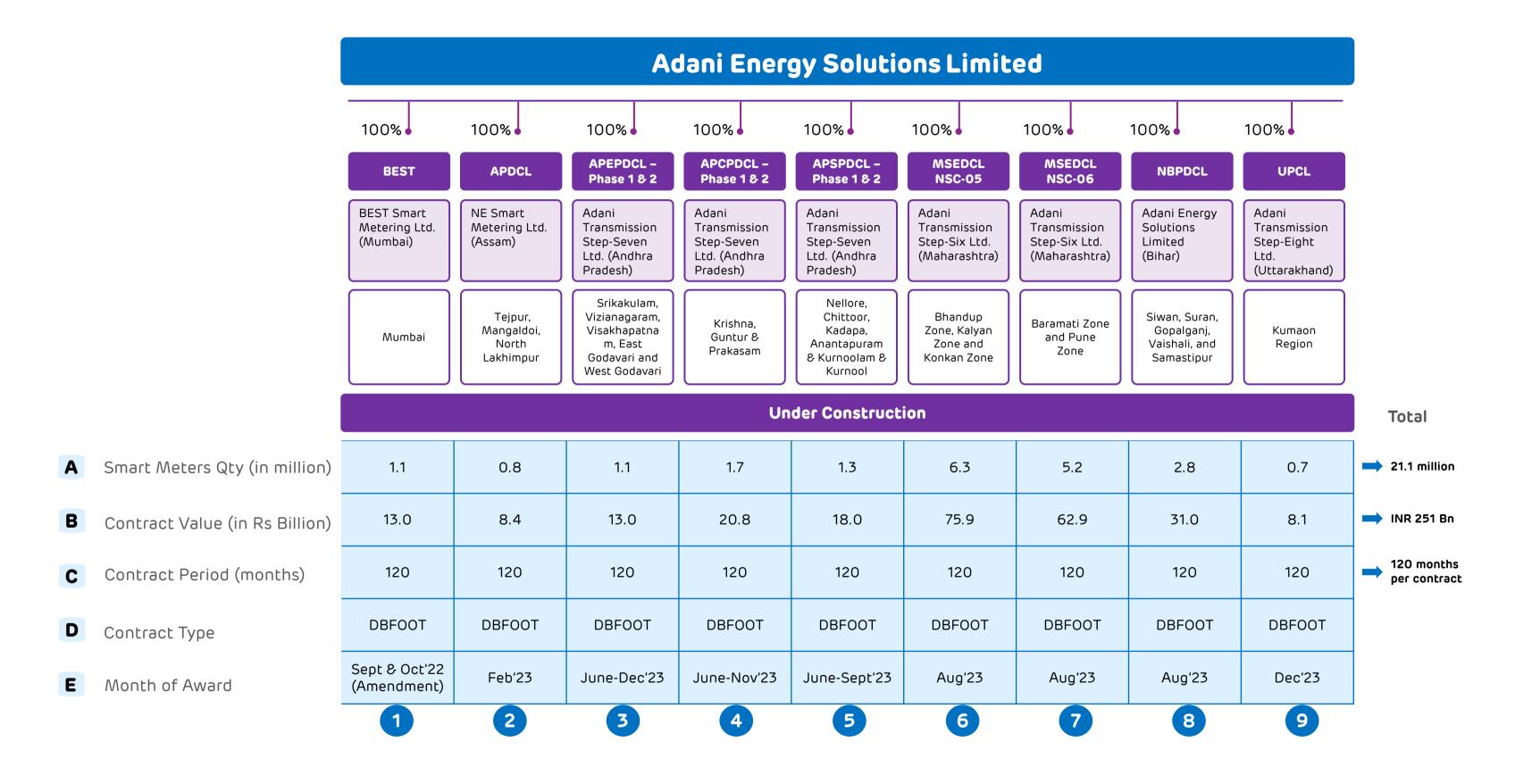
## AESL's Transmission Under-construction Asset Portfolio as of Dec 2023





## AESL's Smart Metering Under-construction Portfolio as of Dec 2023





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