



Energy Solutions

## Adani Energy Solutions Limited

(Formerly known as Adani Transmission Limited)

## Q1FY25 Results Presentation

July 2024

# CONTENTS



04-07	Adani Portfolio	04
09	Executive Summary – Q1 FY25	09
11-14	Financial Highlights – Q1FY25	11
16-18	Operational Highlights – Q1FY25	16
20-26	AESL - ESG Framework	20
28	AESL: Recent Business Updates	28
30-35	Annexure – Rating and AESĽs Asset Portfolio	30

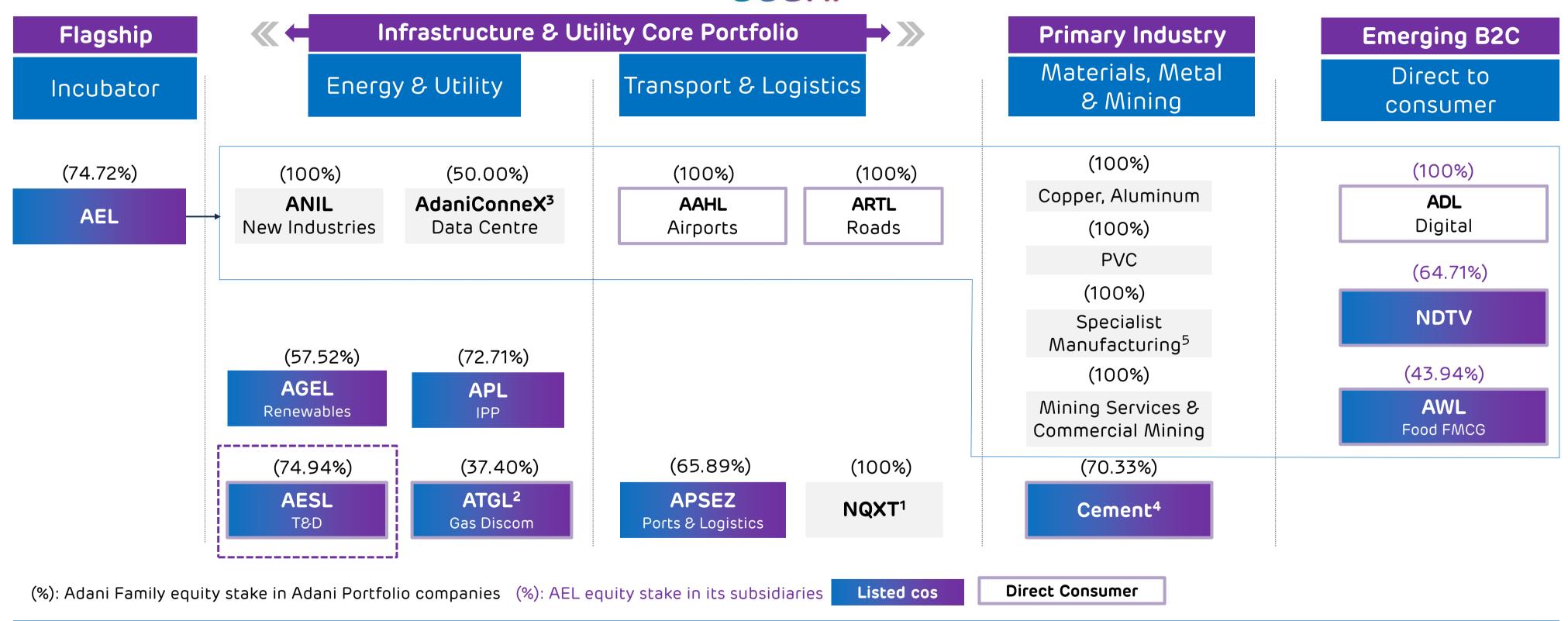




# Adani Portfolio

## Adani: A World Class Infrastructure & Utility Portfolio

adani



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

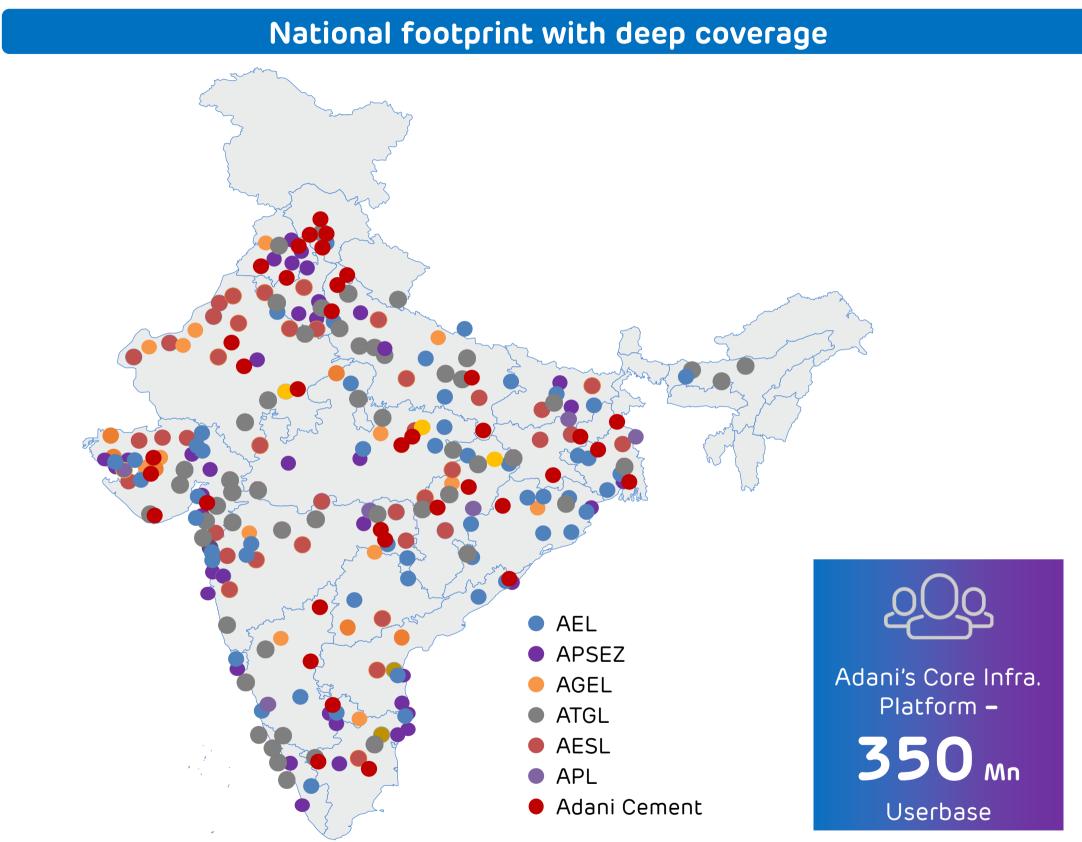
1. NQXT: North Queensland Export Terminal | 2. ATGL: Adani Total Gas Ltd, JV with Total Energies | 3. Data center, JV with EdgeConnex, | 4. Adani Cement includes 70.33% stake in Ambuja Cements as on 30<sup>th</sup>June, 2024 which in turn owns 50.05% in ACC Limited. Adani directly owns 6.64% stake in ACC Limited. Ambuja Cements Ltd. holds 58.08% stake in Sanghi Industries Ltd. 5. Includes the manufacturing of Defense and Aerospace Equipment | AEL: Adani Enterprises Limited; APSEZ: Adani Ports and Special Economic Zone Limited; AESL: Adani Energy Solutions Limited; T&D: Transmission & Distribution; APL: Adani Power Limited; AGEL: Adani Green Energy Limited; AAHL: Adani Airport Holdings Limited; ARTL: Adani Roads Transport Limited; ANIL: Adani New Industries Limited; AWL: Adani Wilmar Limited; ADL: Adani Digital Limited; IPP: Independent Power Producer | NDTV: New Delhi Television Ltd | PVC: Polyvinyl Chloride | Promoters holding are as on 30<sup>th</sup> June, 2024.



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

## Secular growth with world leading efficiency





Note: 1. Data for FY24 ; 2. Margin for Indian ports business only I 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 I 6. Growth pertains to expansion and development aligned with market growth is as follows: APSEZ's cargo volume surged from 113 MMT to 408 MMT (14%) between 2014 and 2024, outpacing the industry's growth from 972 MMT to 1539 MMT (5%). AGEL's operational capacity expanded from 0.3 GW to 10.9 GW (57%) between 2016 and 2024, surpassing the industry's growth from 46 GW to 143.6 GW (15%). AESL's transmission length increased from 6,950 ckm to 20,509 ckm (14%) between 2016 and 2024, surpassing the industry's growth from 3,41,551 ckm to 4,85,544 ckm (4%). ATGL expanded its geographical areas from 6 to 52 (27%) between 2015 and 2024, outperforming the industry's growth from 62 to 307 (19%). PBT: Profit before tax I ATGL:Adani Total Gas Limited I AEL: Adani Enterprises Limited I APSEZ: Adani Ports and Special Economic Zone Limited I AESL: Adani Energy Solutions Limited I AGEL: Adani Green Energy Limited I Growth represents the comparison with respective industry segment. Industry source: APSEZ (domestic cargo volume): https://shipmin.gov.in/division/transport-research | Renewable (operational capacity): Installed Capacity Report - Central Electricity Authority (cea.nic.in) | AESL (ckms): National Power Portal (npp.gov.in) | ATGL (GAs): Brochure petroleum.cdr (pngrb.gov.in) | ckms: circuit kilometers | GA: Geographical Areas



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

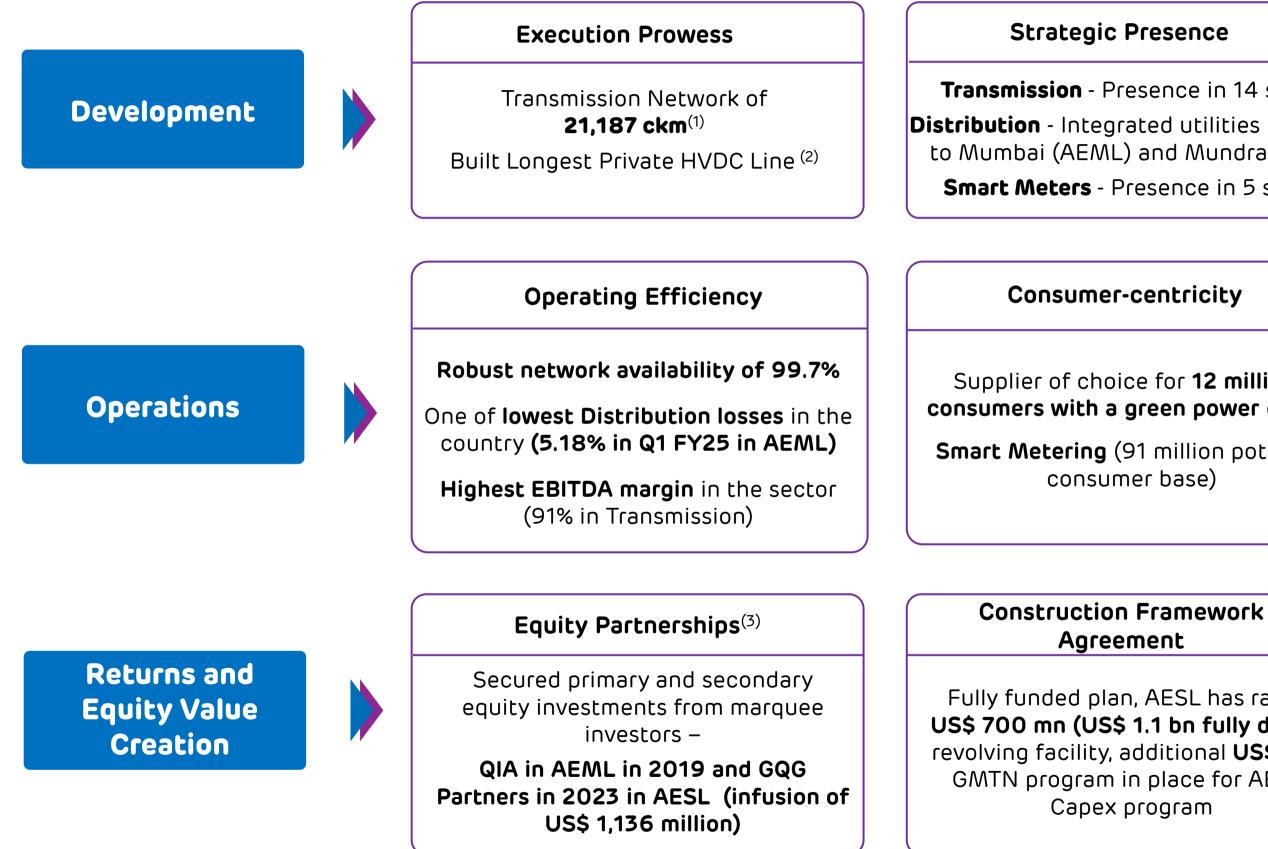
		DEVELOPMENT		OPERATIONS	CONSUMERS	
		Adani Infra (India) Limited (	(AIIL)	Operations (AIMSL) <sup>1</sup>	New C.E.O. Consumer   Employees I Other Stakeholders	
ΑCTIVITY	<ul> <li>Origination</li> <li>Analysis &amp; market intelligence</li> <li>Viability analysis</li> </ul>	<ul> <li>Site Development</li> <li>Site acquisition</li> <li>Concessions &amp; regulatory agreements</li> </ul>	<ul> <li>Construction</li> <li>Engineering &amp; design</li> <li>Sourcing &amp; quality</li> </ul>	<ul> <li>Operation</li> <li>Life cycleO&amp;M planning</li> <li>Asset Management plan</li> </ul>	<ul> <li>Inspired Purpose &amp; Value Creation</li> <li>Delivering exceptional products &amp; services for elevated engagement</li> <li>Differentiated and many P&amp;Ls</li> </ul>	
PERFORMANCE	India's Largest Commercial Port (at Mundra)	Image: Constraint of the second se	World's largest         Renewable Cluster         (at Khavda)	Energy Network Operation Center (ENOC)	Adani's Core Infra. Platform – 350 m Userbase	
MENT	Strategic value Mapping	Investment Case Development	Growth Capital – Platform Infrastructure Financing Framework	14%	6% Long Term Debt 31% PSU Banks	
MANAGEMEN	Policy, Strategy & Risk Framework	Duration Risk Matching Risk Management – Rate & C Governance & Assurance Diversified Source of Capita	·	March 2016 55%	March 2024 19% 2% 2% 28% Pvt. Banks Bonds 3 NBFCs & FIs 5 DII 3 Global Int. Banks 5 Capex LC	
ENABLER	Continued Focus & Investment	Dovelopment	ership Development Initiatives cment in Human Capital	Al enabled Digital Transformation	<ul> <li>Power Utility Business - ENOC</li> </ul>	

Note 1 Adani Environmental Resource Management Services Ltd. (additional company is being proposed)

O&M: Operations & Maintenance I HVDC: High voltage direct current I PSU: Public Sector Undertaking (Public Banks in India) I GMTN: Global Medium-Term Notes I SLB: Sustainability Linked Bonds I AEML: Adani Electricity Mumbai Ltd. I AIMSL : Adani Infra Mgt Services Pvt Ltd I IG: Investment Grade I LC: Letter of Credit I DII: Domestic Institutional Investors I COP26: 2021 United Nations Climate Change Conference I AGEL: Adani Green Energy Ltd. I NBFC: Non-Banking Financial Company I AIIL: Adani Infra (India) Limited



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



Note: 1) Transmission network is as of 30<sup>th</sup> June 2024 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. 5,690 Cr (US\$ 684 million) for 6.58% stake based on closing price of Rs 997.35 dated June 28, 2024

QIA: Qatar Investment Authority; TOD Tariff: Time of Day Tariff; AMI: Advanced Metering Infrastructure, MUL: MPSEZ Utilities Limited EBITDA: Earning before interest tax, depreciation; O&M: Operation and Maintenance, MWp: Megawatt Peak, SS: Sub-station, Ckm: Circuit Kilometer, ESG: Environmental, Social and Governance, ROE :Return on Equity, GMTN: Global Medium Term Note, AEML: Adani Electricity Mumbai Limited; CAGR: Compounded Annual Growth Rate; RE: Renewable Energy

**Transmission** - Presence in 14 states **Distribution** - Integrated utilities catering to Mumbai (AEML) and Mundra (MUL)

**Smart Meters** - Presence in 5 states

#### RAB expansion through Asset Hardening in Discoms

7% CAGR growth in RAB in Mumbai Discom since acquisition

AEML growth strategy is emulated in MUL

#### **Consumer-centricity**

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

Smart Metering (91 million potential consumer base)

#### Embedded ESG Framework

Decarbonisation of Grid (Achieved 37%) **RE power as of June'24** and on track to reach 60% by FY27)

Installed 3.36 MWp solar capacity for auxiliary consumption at substations

**Board Diversity and Strengthening** 

## 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 (eg: HVDC Mumbai, Khavda)

Green industrial cluster in Mundra







# AESL - Executive Summary and Key Focus Areas

## **AESL:** Executive Summary – Q1FY25

#### Operational Update:

#### Transmission business:

- Achieved robust system availability of 99.7% at portfolio level
- During the quarter, added 190 ckm to the operational network with a total network at 21,187 ckm

#### **Distribution business:**

- AEML:
  - The distribution loss in the Mumbai utility remains low at 5.18%
  - Maintained supply reliability (ASAI) of over 99.9%
  - On the back of rising demand in the Mumbai distribution circle, the total units sold increased by million units in Q1FY25 from 2,754 million units in Q1FY24
- MUL:
  - In line with the robust industrial demand across the Mundra region, energy units sold in MUL gr to 266 million units in Q1FY25

#### Smart Metering business:

- As of Q1FY25, the total smart metering under-construction pipeline stands at 22.8 million smart met comprising nine projects with a contract value of ~Rs 27,195 crore
- The meter deployment activity is ramping up well and we have achieved go-live status in the three ci

#### Financial Update (YoY):

- Revenue growth of 47% to Rs 5,379 crore, boosted by contribution from the recently commissioned demand and contribution from smart metering business
- Consolidated operational EBITDA grew by 30% to Rs 1,628 crore
- PAT ended 73% higher at Rs 315 crore, translating from a strong EBITDA growth
- During the quarter, the company reported consolidated cash profit of Rs 908 crore

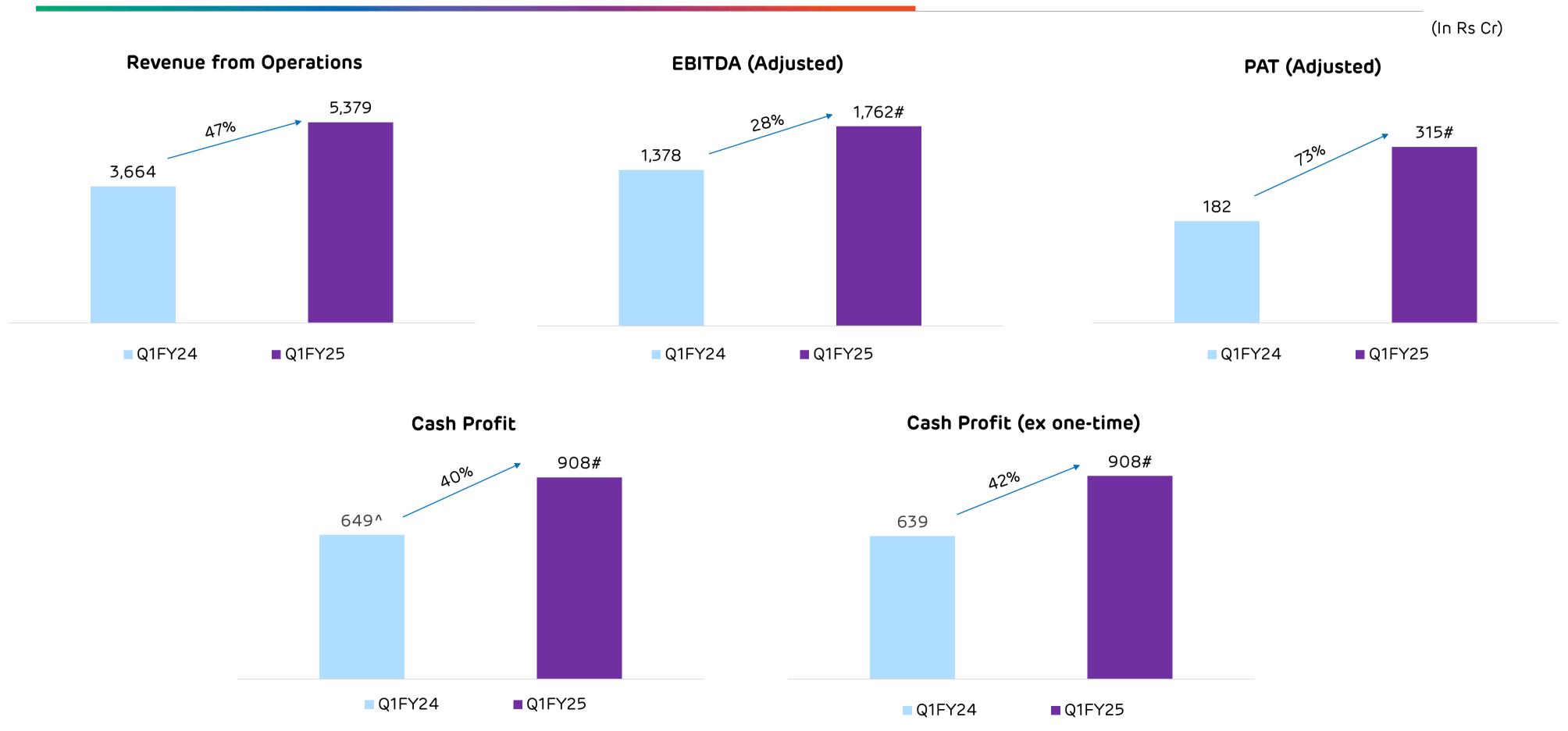


		Other Key Updates:
	-	FTSE Russell has upgraded AESL's ESG score in the FTSE4Good index from 4 to 4.4 driven mainly by improvement in environment score
oy 8% to 2,962	-	AEML has initiated divestment of the Dahanu thermal power plant (ADTPS), which is in line with AESL's ESG philosophy. This will place AESL closer to its aspiration to be amongst the top 20 global companies in ESG ratings amongst the global utility industry
rew by 70% YoY	-	Completed the acquisition of Mahan - Sipat transmission assets, adding 673 ckm to the AESL's operational network
ters,	-	The share of renewable power supplied to the Mumbai circle stands at 37% at the end of June 30, 2024, and on track to achieve 60% by FY27
circles	-	Adani Electricity launched new "Network Operations Center (NOC)" powered by India's first fully functional Advanced Distribution Management System (ADMS) and SCADA technology to ensure reliable power supply to over 12 million consumers
d lines, energy	-	Received 11 <sup>th</sup> Innovation with Impact Awards for DISCOMs in multiple categories by Indian Chamber of Commerce (ICC) on the sidelines of India Energy Summit





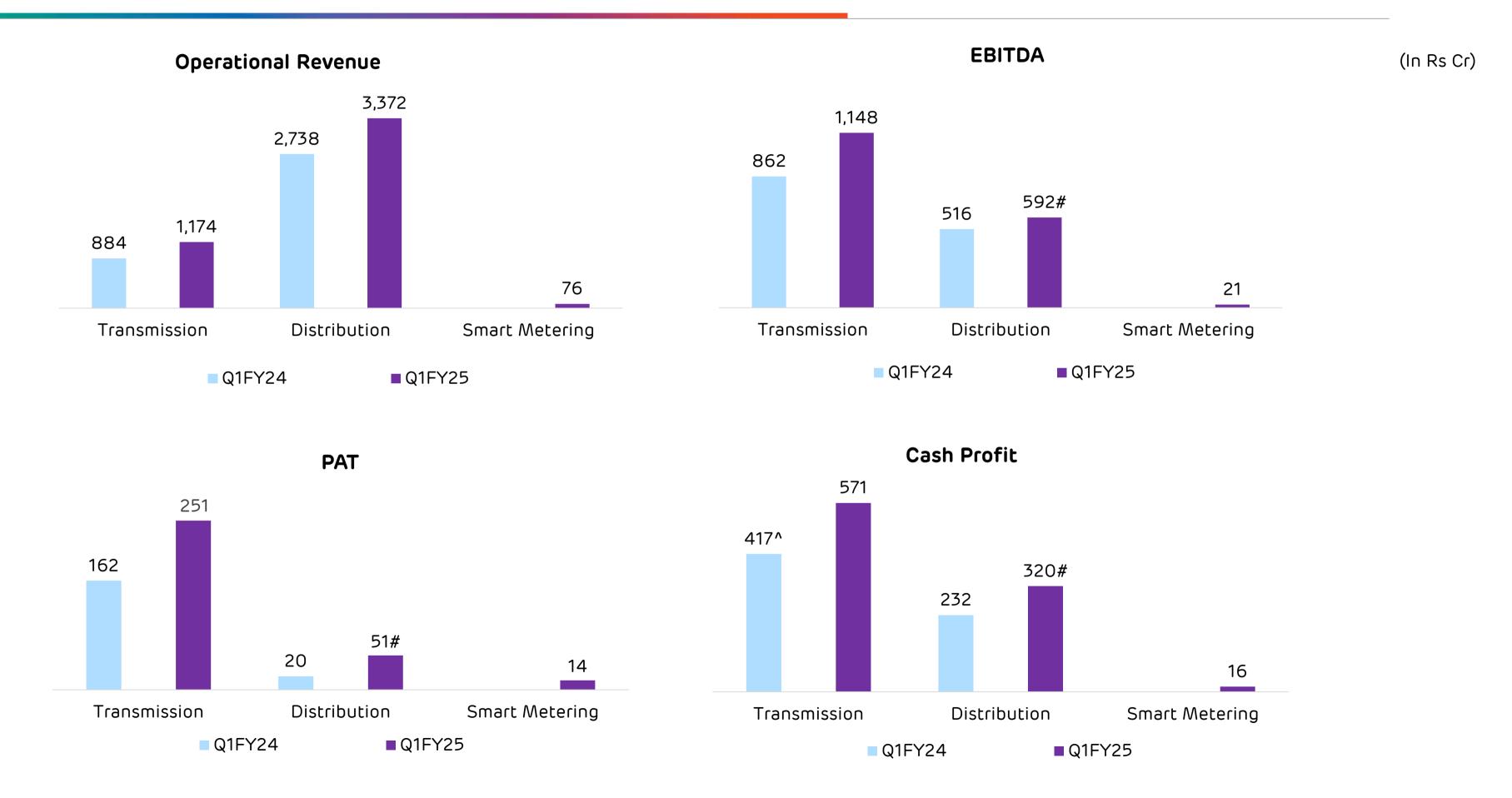
## **AESL:** Consolidated Financial Highlights Q1FY25 YoY



Note: #Adjusted for an exceptional item of Rs 1,506 crore because of loss on asset held for sale, Dahanu plant, in line with Ind AS 105. ^Includes net impact of one-time bilateral charge and provision of Rs 15 crores (Rs 10 crores net off tax) in Q1FY24; Dividend income from the subsidiary is eliminated at the consolidated level; Total EBITDA = Operating EBITDA plus other income, one-time regulatory income, adjusted for CSR exp.; Cash profit calculated as PAT + Depreciation + Deferred Tax + MTM option loss;)



## **AESL:** Segment–wise Financial Highlights Q1FY25 YoY



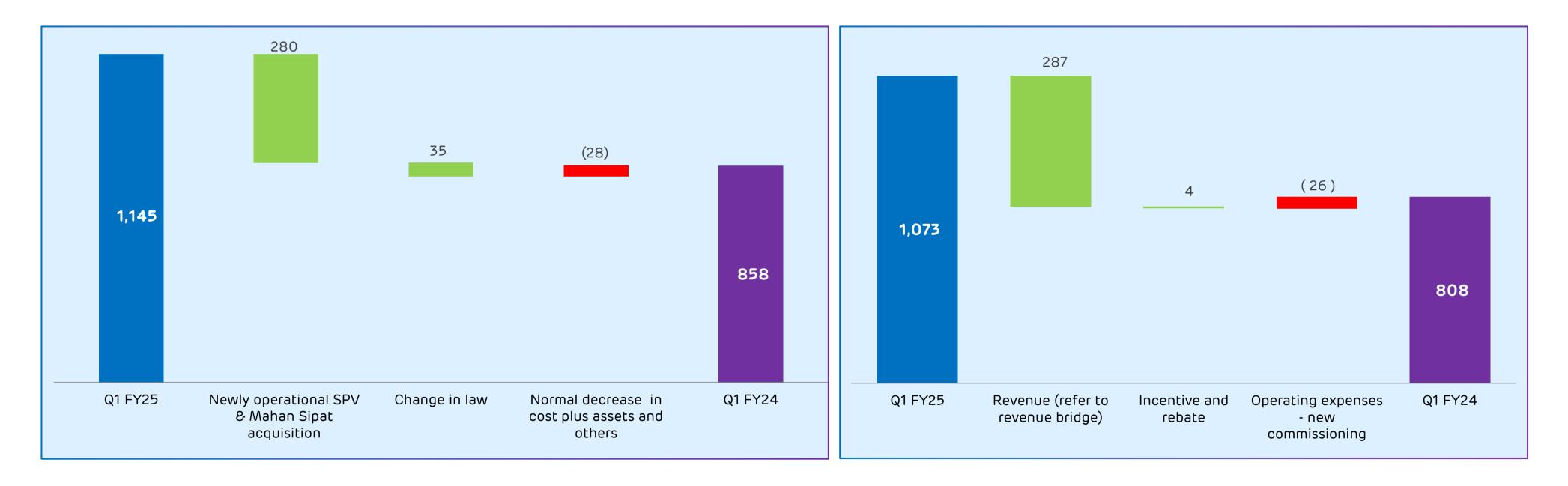
Note: #Adjusted for an exceptional item of Rs 1,506 crore because of loss on asset held for sale, Dahanu plant, in line with Ind AS 105. ^Includes net impact of one-time bilateral charge and provision of Rs 15 crores (Rs 10 crores net off tax) in Q1FY24; Dividend income from the subsidiary is eliminated at the consolidated level; Total EBITDA = Operating EBITDA plus other income, one-time regulatory income, adjusted for CSR exp.; Cash profit calculated as PAT + Depreciation + Deferred Tax + MTM option loss;)



12

## **AESL:** Transmission – Revenue (ex incentive) and Operating EBITDA Bridge YoY

Revenue (excluding incentive) up 33% supported by revenue contribution from new line elements



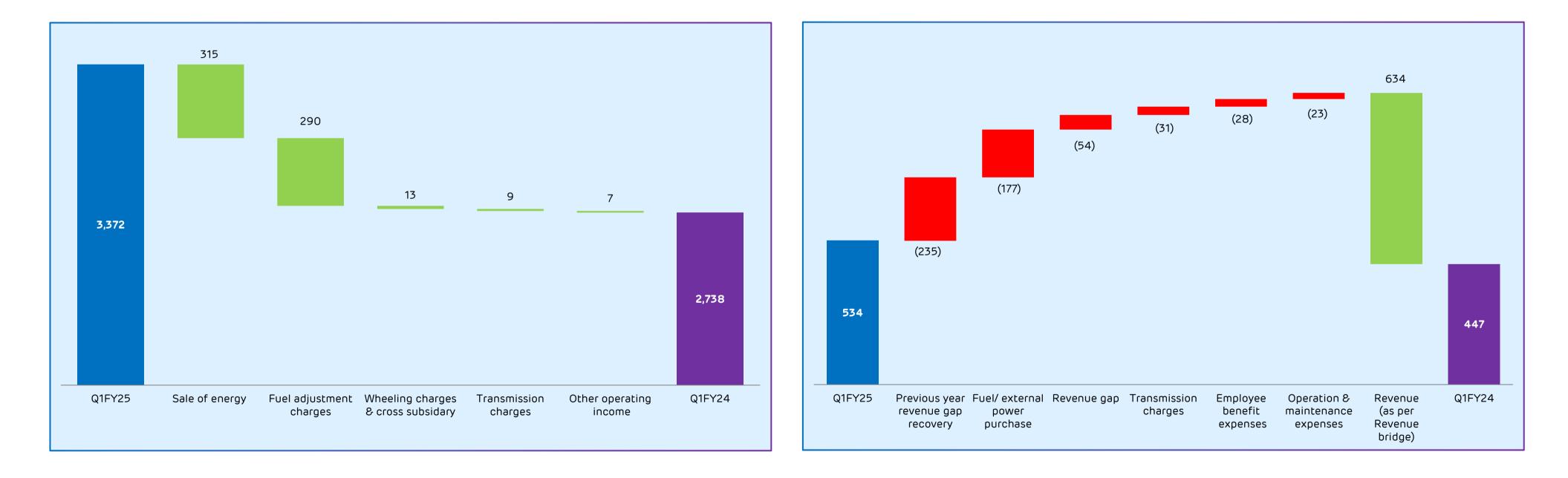


### (In Rs Cr)

#### Operating EBITDA up 33% driven by strong revenue

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

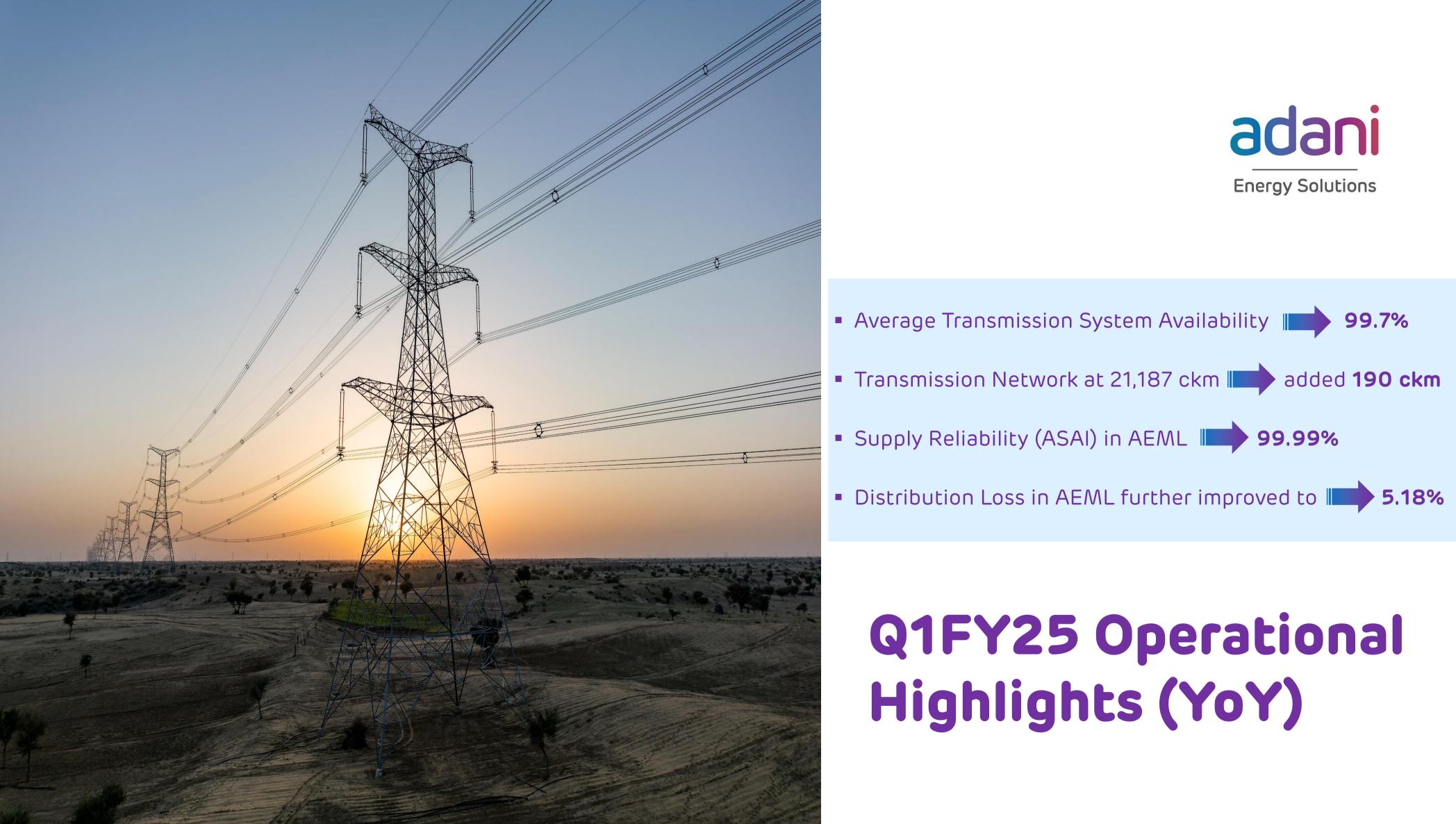
#### Revenue up 23% driven by higher energy demand





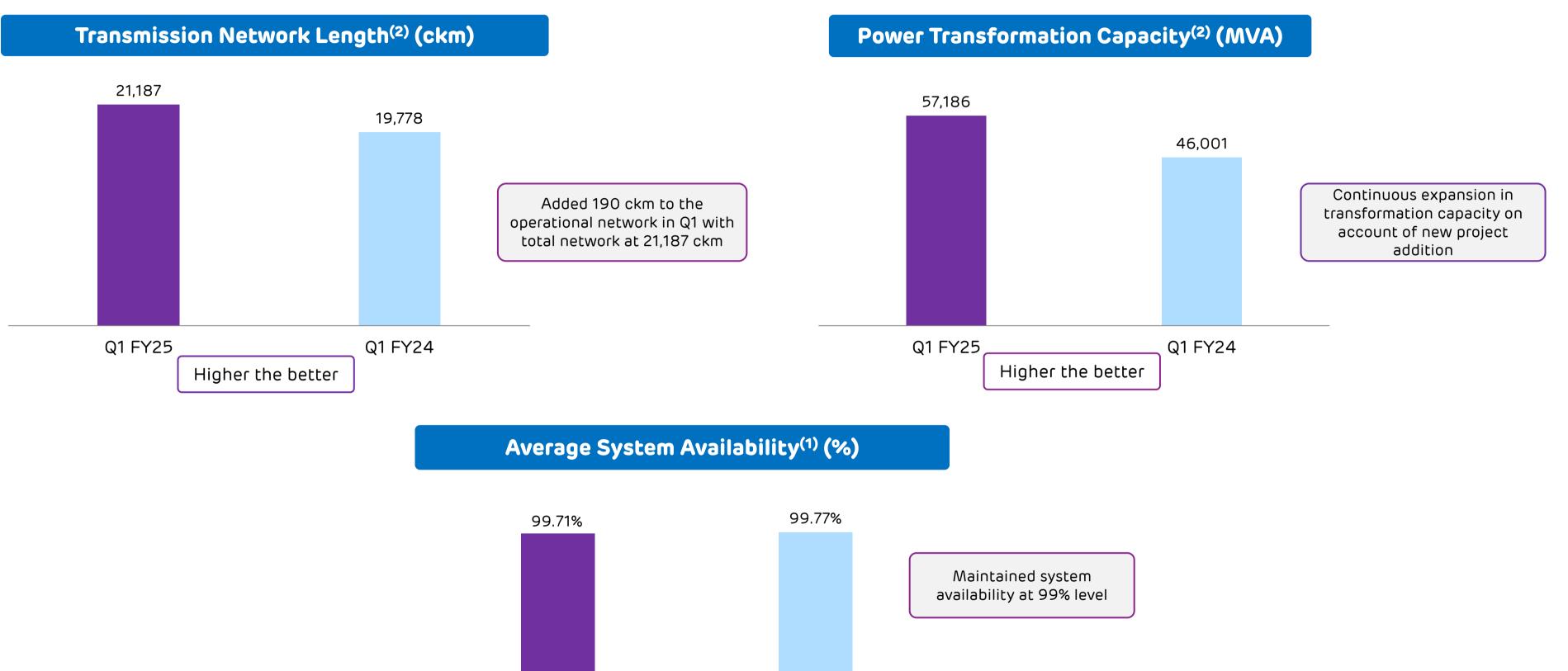
### (In Rs Cr)

#### Operating EBITDA ended 19% higher





## **AESL:** Transmission Utility – Key Operating Metrics Q1FY25 (YoY)



Q1 FY24

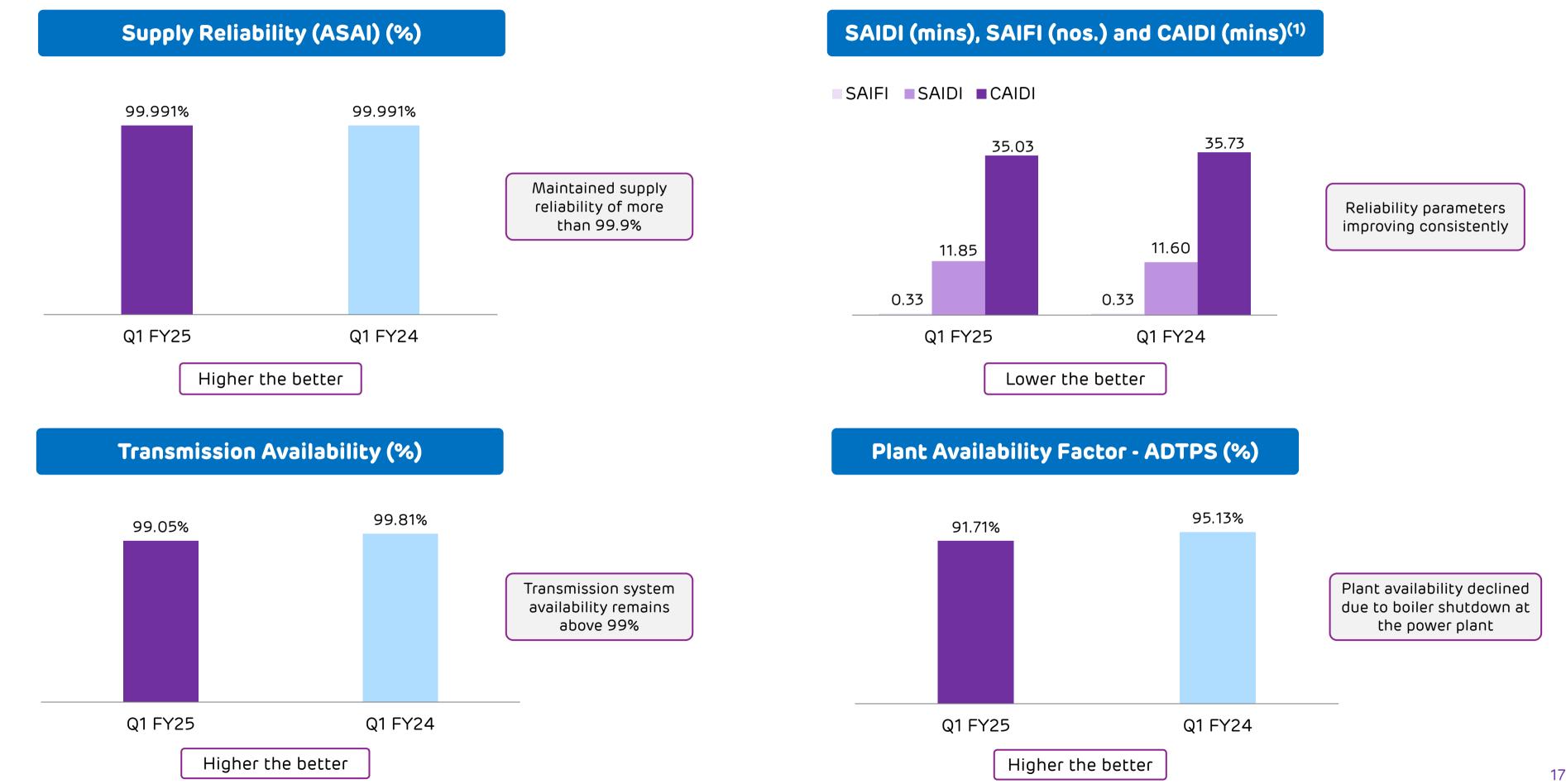
Q1 FY25

Higher the better





## **AEML:** Distribution Utility – Key Operating Metrics Q1FY25 (YoY)

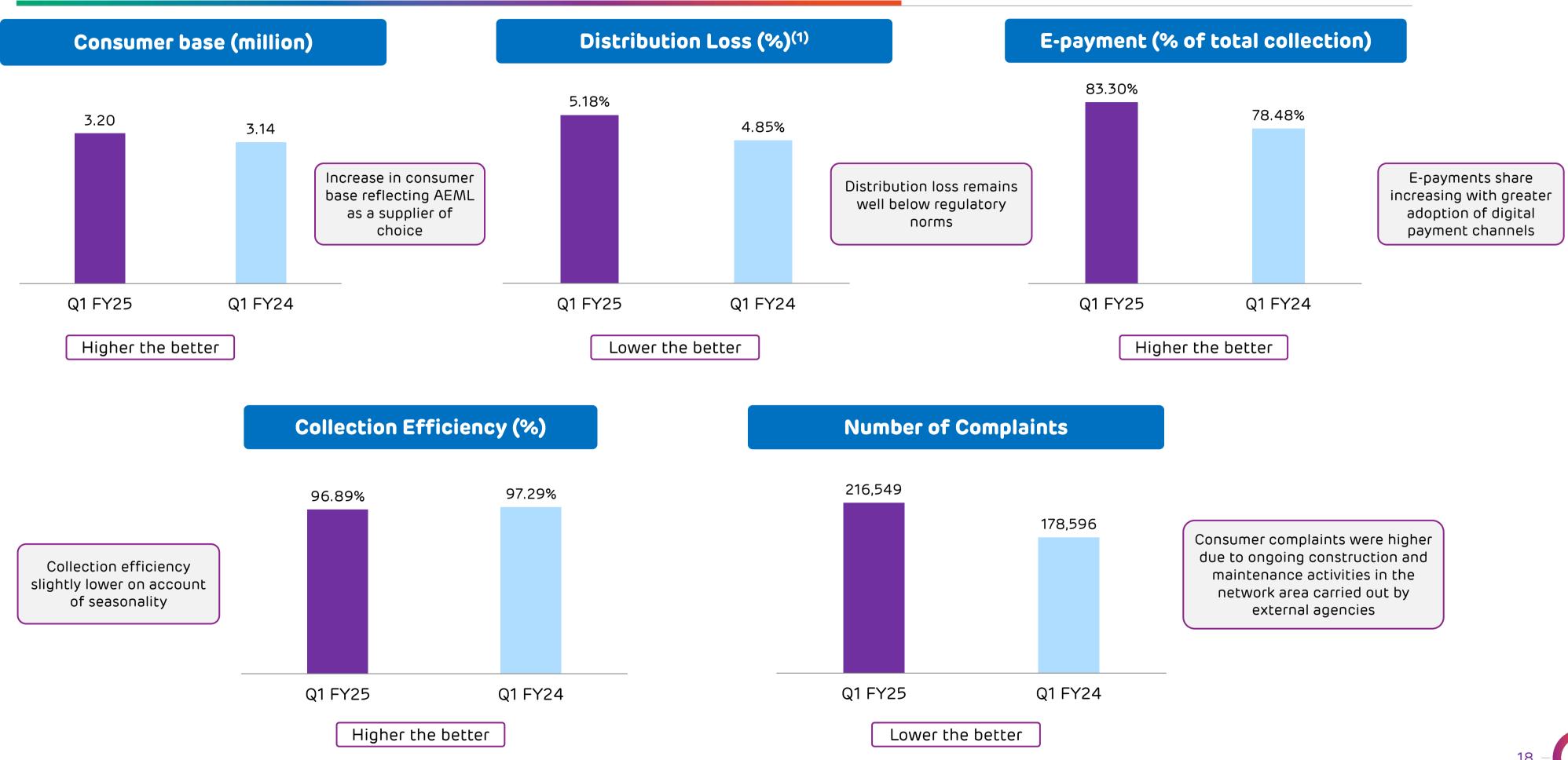


Notes: 1) SAIDI - System Average Interruption Duration Index indicates average outage duration for each customer served, SAIFI - System Average Interruption Frequency Index indicates average number of interruptions, Customer Average Interruption Duration Index (CAIDI): indicates average time required to restore service during a predefined period.





## **AEML:** Distribution Utility – Key Operating Metrics Q1FY25 (YoY)





18

## **AESL** is now certified

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

## Won the prestigious

- CSRHUB score improved to 87%, well above the Electric & Gas Utilities industry average of 911 companies
- AESL's Sustainalytics ESG score improved to 25.3, positioning the company amongst the top 20 global electric utilities
- CDP Climate Change 2023 score improved to B from D, surpassing Asia regional average of C

## adani **Energy Solutions**

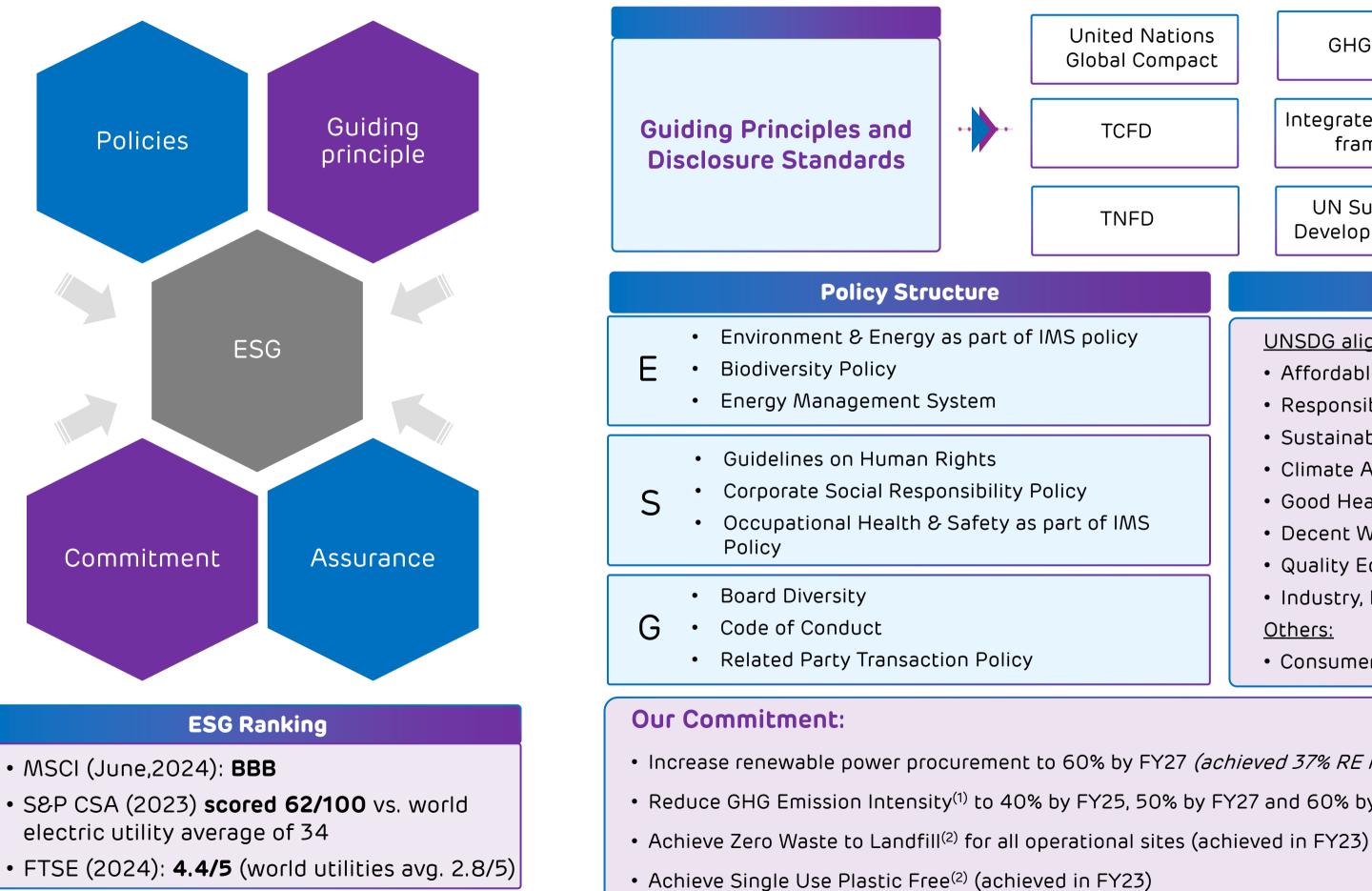
## Continue to maintain

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 4.4/5 (world utilities avg. 2.8/5)

# **AESL - ESG Framework**

## **AESL**: ESG Framework



Notes: 1) GHG Emission Intensity = tCO2 / Rs Cr EBITDA; 2) Confederation of Indian Industry-ITC Centre of Excellence for Sustainable Development (CII-ITC CESD) certified SUP Free status to 37 operational sites of AESL, i.e., 30 substations and 7 transmission line clusters including stores; 3) AEML, being subsidiary of AESL with ~40% of reported EBITDA share, reports disclosures through AESL; 4) AEML is in process to adopt the guiding principles for independent reporting I UNSDG – United Nation Sustainability Development Goals I TCFD - Task Force on 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



United Nations Global Compact		SBTi		
TCFD	Integrated Reporting framework	CDP		
TNFD	UN Sustainable Development Goals	GRI Standards		
Focus Areas				
IMS policy Policy S part of IMS	UNSDG aligned: • Affordable & Clean Energy • Responsible consumption & production • Sustainable Cities and Communities • Climate Action • Good Health & well being • Decent Work And Economic Growth			
	<ul> <li>Quality Education</li> <li>Industry, Innovation &amp; Infrastructure</li> <li><u>Others:</u></li> <li>Consumer empowerment</li> </ul>			

• Increase renewable power procurement to 60% by FY27 (achieved 37% RE in Q1FY25) (SDG 7)

• Reduce GHG Emission Intensity<sup>(1)</sup> to 40% by FY25, 50% by FY27 and 60% by FY29 (SDG 13)

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

Key Performance Indicators	Current Status	Baseline	Short to Mediur	m-term Targets
Energy Mix & Emission Intensity				
- RE share in power procurement	AEML has <b>achieved 37% renewable</b> in power mix as of June 2024	3% FY19	60% by FY27	70% by FY30
- 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		1		
- Zero waste to landfill (ZWL)	<ul> <li>Secured ZWL status from Intertek &amp; BVCI</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	To maintain ZWL cert	ification for AESL
- 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	To maintain SUP certi	ification for AESL
- 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	Achieve Zero Net-Los Achieve Net Positive accordance with IBBI	Gain (NPG) in
- 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 Net Water Positive ReCertification for all O&M sites	
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	100% auxiliary consur renewable sources by	•



1	-		
		)	

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

#### **United Nations Sustainable Development Goals 2030** 3 GOOD HEALTH AND WELL-BEING 4 QUALITY EDUCATION 5 GENDER EQUALITY 2 ZERO HUNGER NO Poverty ⊜ ocia ſĸŧŧ 6 GLEAN WATER AND SANITATION 8 DECENT WORK AND ECONOMIC GROWTH **9** INDUSTRY, INNOVATION AND INFRASTRUCTUR 10 REDUCED INEQUALITIES Ũ ٥ 0 Ξ 11 SUSTAINABLE CIT AND COMMUNITH 2 RESPONSIBLE CONSUMPTION AND PRODUCT THE GLOBAL GOALS For Sustainable Development 13 CLIMATE ACTION 14 LIFE BELOW WATER 16 PEACE AND JUSTICE STRONGINSTITUTIONS 17 PARTNERSHIPS FOR THE GOALS 5 LIFE ON LAND ×

### Our social I

#### Access to Education

\_\_\_\_\_



No Poverty
 Quality Education

### **Community Health**



3. Good Health & Well Being

#### Women's Empowerment

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

## 8 ECCENT WORK AND 8 ECONOMIC GROWTH

#### Sustainable Livelihood

2. Zero Hunger 8. Decent Work & Economic Growth

#### Ecology

7. Affordable and Clean Energy

- 13. Climate Action
- 14. Life Below Water
- 15. Life on Land

#### Water Secure Nation

6. Clean Water and Sanitation







#### Social licensing to operate at various locations with a goal to improve quality of life imperatives

Notes: 1. Adani Foundation leads various social initiatives at Adani Group; ASDC: Adani Skill Development Centre; Swachhagraha: a movement to create a culture of cleanliness; SuPoshan: A movement to reduce malnutrition among children



nit	iatives are mappe	d to UNSDG 2030
	Tiroda, Dahanu and Sami village	<ul> <li>Physical infrastructure and e-learning platform in rural areas</li> <li>Educational Kits (2830 students benefited) &amp; School Uniforms to Anganwadi children (5780 students benefited)</li> <li>Education &amp; awareness in areas of Cleanliness and Safety (1900 Schools Covered)</li> </ul>
	Multiple locations	<ul> <li>Distribution of Dura Oxygen Cylinders to various hospitals in Dahanu Taluka for medical treatment of COVID patients</li> <li>Infrastructure development of two vaccination centers enhance Covid vaccination drive : &gt;17 K vaccination done at the two centers</li> </ul>
	Dahanu and Mumbai	<ul> <li>Saksham: Skill development of women through social program through National Skill Training Institute (Women)</li> <li>Inducted first ever All Women Team of meter readers</li> <li>Sanginis: Identifying and nurture women as a change agent in rural hamlets; developed 123 Sanginis till date</li> </ul>
CAND DWTH	Dahanu	<ul> <li>Provide support for livelihood for landless laborers In association with NABARD covering 11 villages of Dahanu and 1,000 land-owning families</li> </ul>
	Mumbai and Dahanu	<ul> <li>AEML has achieved 37% renewable in power mix in June 2024</li> <li>Plantation of mangroves (&gt;20 Mn cumulative)</li> <li>&gt;50% open area converted in green land</li> </ul>
	Multiple locations	<ul> <li>Drinking water filtration plant at Agwan village of capacity 5m3/hr, where around 5,500 people benefited</li> <li>Rain-water harvesting and Borewell for increasing ground water table</li> </ul>
00	ove quality of life	imperatives 22-

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

Material Categories	Material Themes	Key Performance Indicators	Baseline	Actual (FY23-24)	Target (FY24-25)
		Rate of fatalities per million hours worked	Zero (FY 20-21)	Zero	Zero
Health & Safety	Work related injury	Rate of recordable work-related injuries per million man-hours worked	0.33 (FY 20-21)	0.33	Zero
	Safety awareness and training	Average hours of training provided per person on health and safety	15.6 (FY 20-21)	36.31hours per person	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: 20.43%</li> <li>Total Workforce: 5.12%</li> <li>Regional &amp; Ethnic diversity: 100% mapping</li> </ul>	<ul> <li>New Hire: 30%</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% new employees trained on human rights	100%
Skills for the future	Skill development trainings	Training and development expenditure for employees (INR)	Rs 3.81 Cr (FY 20-21)	Rs 4.8 crore	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)	99.81% ESG Due diligence for all suppliers initiated	Maintain FY21 Performance
	Supplier screening on ESG metrics	Suppliers screened on ESG criteria (%)	100% (Critical New Suppliers)	All New suppliers	100% (Critical All Suppliers)



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

## **Policies**

- Environment Policy covered in BR Policy
- Water Policy ٠
- **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 ٠
- Human Rights covered in BR policy ٠



- 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)
- independent directors)
- Risk Management committee
- Info tech and data security committee

## Enabling board backed assurance leading to lower risk to stakeholders



### Committees

## Assurance

Nomination and Remuneration Committee (100%

## Corporate Responsibility Committee

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

## **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 FY24 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>	<b>Target 2023-24:</b> • CSA – 62/100 (Achieved 69/100 w/o MSA) • FTSE: 4.4/5 (Achieved in June'24)

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 Q1FY25

- Safety training: 31,021 man-hours of safety training and awareness during Q1FY25
- Positive Safety Culture:
  - Observance of National Electrical Safety month and National Fire Safety week
  - Organized category 5 incident stand-down meeting at AEML sites
  - Group safety audit was conducted at project sites
  - Conducted 'Train the Trainer' program focusing on hot work safety & evacuation and OHSMS digital transformation
  - During the quarter conducted mock drills and training sessions on emergency management systems, first aid, as well as floor marshal
  - Executed quarterly safety performance assessments for O&M and project contractors across various sites
- 'Sampark' An outreach program designed for AEML customers to understand their safety and commercial concerns.
- 'Saksham' Mandatory Contractor Workmen Incubation & Induction Program was conducted at various project sites to enhance training effectiveness. Trained 2,596 contract workers and employees across the project sites





Notes: LTI frequency rate and LTI severity rate lower the better; LTI Frequency Rate: Reportable loss time injury (RLTI)\*1000000/Man hours Worked; \*LTI SR improved significantly on a YoY basis dure to zero fatality; \*Near Miss Reporting in distribution business does not include safety concern numbers; #Suraksha Samwad for distribution business only includes safety interactions at AEML project sites



## Safety Performance in Q1FY25

	Transmission		Distributi	on (AEML)
Safety Parameters	Q1FY25	Q1FY24	Q1FY25	Q1FY24
Near Miss Reporting (Awareness)*	183	1,370	698	1,013
Suraksha Samwad (Safety Dialogue)#	1,139	1,902	2,025	2,246
LTI	1	1	2	1
Fatalities	0	0	0	0
LTIFR (LTI Frequency Rate)	0.71	0.32	0.33	0.2
LTI (LTI Severity Rate)	8.59	6.38	4.49	10.83
Safety training (in Man-Hours)	18,877	34,178	12,144	12,952



26-





# AESL: Recent Business Updates

AEML has initiated divestment of the Dahanu thermal power plant (ADTPS), which is in line with AESL's ESG philosophy. This will place AESL closer to its aspiration to be amongst the top 20 global companies in ESG ratings amongst the global utility industry	Completed acquisition of Mahan - Sipat transmission assets during the quarter, adding 673 ckm to AESL's total operational network	In our pursuit of achieving the highest standards of consumer centricity, AEML launched quarterly newsletter 'City Currents' to keep our large consumer base in Mumbai updated on innovations and the solutions we are bringing to impact people's lifestyles
<ul> <li>Received 11<sup>th</sup> Innovation with Impact Awards for DISCOMs in multiple categories by Indian Chamber of Commerce (ICC) on the sidelines of India Energy Summit:</li> <li>Green Energy (ranked 2<sup>nd</sup>)</li> <li>Efficient Operations (ranked 3<sup>rd</sup>)</li> <li>Performance Improvement (ranked 3<sup>rd</sup>)</li> </ul>	Adani Electricity launched new "Network Operations Center (NOC)" powered by India's first fully functional Advanced Distribution Management System (ADMS) and SCADA technology to ensure reliable power supply to over 12 million consumers	The share of renewable power supplied to the Mumbai circle stands at 37% at the end of June 30, 2024, and on track to achieve 60% by FY27
FTSE Russell has upgraded AESL's ESG score in the FTSE4Good index series from 4 to 4.4. The environment score improved to 4.3 from 3.3, while social and governance score maintained at 4 and 5 respectively	<ul> <li>Safety First - National Electricity Safety Week</li> <li>Organized a safety awareness session on preventing and tackling electrical hazards wherein 1000+ students participated</li> <li>Hosted AESL recently hosted the Annual Safety Performance Award Program celebrating outstanding safety standards</li> </ul>	In celebration of World Yoga Day, Adani Electricity and Adani Foundation, through their CSR initiative 'Utthan', organized yoga sessions for over 500 students in 16 BMC schools in Mumbai









## AESL and AEML Credit Ratings

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

#### SPV Ratings - Domestic

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

#### 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-/Stable
S&P	Dollar Bond (US\$ 1 bn)	BBB-/Stable
Moody's	ody's Dollar Bond (for both)	

Company	Rating Agency	Rating	Outlook
AESL	India Ratings	AA+	Stable
AESL	ICRA	A1+	Stable
AESL	CRISIL	AA+	Stable
MEGPTCL	India Ratings	AA+	Stable
ATIL	India Ratings	AA+	Stable
WTGL	India Ratings	AAA	Stable
WTPL	India Ratings	AA+	Stable
MTSCL	India Ratings	AA-	Stable
ATSCL	CARE	A	Stable
ATBSPL	India Ratings	AA	Stable
FBTL	CARE	AA	Stable
OBTL	CARE	А	Stable
AEML	India Ratings / CRISIL	AA+	Stable
JKTL	India Ratings	A-	Stable
WKTL	India Ratings	AA-	Positive
Alipurduar	India Ratings/ CRISIL	AAA	Stable
ATSOL	India Ratings	AA+	Stable
MPTPL	India Ratings	A2+	-



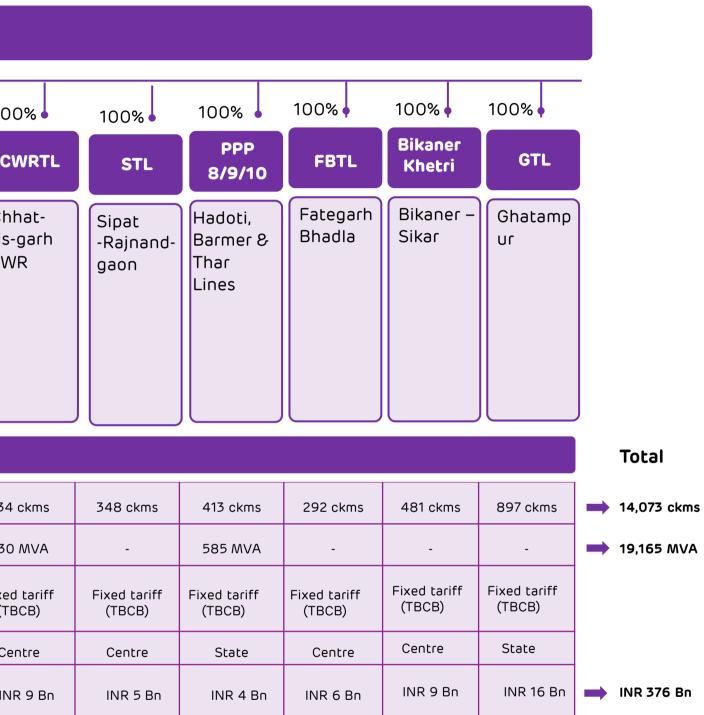
## **AESL's** Operational Asset Portfolio as of June 2024 (1/2)

### Adani Energy Solutions Limited

100%	100%	75%	100%	100%	100%	100%	100%	100%	100%	10
ATIL	MEGPTCL	AEML Discom	MUL Discom	ATSCL & MTSCL	WTGL, WTPL	ATBSPL	APTL	ATRL	RRWTL	C
Mundra - Dehgam Mundra - Mohin- dergarh Tiroda - Warora	Tiroda - Aurang- abad	Adani Electricity Mumbai Ltd.	MPSEZ Utilities (Mundra SEZ Area)	Maru & Aravali lines	Western Transmis- sion (Gu- jarat) Western Transmis- sion (Ma- harash- tra)		- Alipurduar Trans- mission	Surat- garh- Sikar	Raipur -Rajnand- gaon - Warora	Ch tis - V
						Operating	Accoto			
							HSSELS			
						Operacing	ASSELS			
3,834 ckms	1,217 ckms	573 ckms	242 ckms	397 ckms	3,063 ckms	343 ckms	650 ckms	278 ckms	611 ckms	434
3,834 ckms 6,630 MVA	1,217 ckms 6,000 MVA	573 ckms 3,250 MVA	242 ckms 710 MVA	397 ckms 1,360 MVA	3,063 ckms -			278 ckms -	611 ckms -	434 630
					3,063 ckms - Fixed tariff (TBCB)			278 ckms - Fixed tariff (TBCB)	611 ckms - Fixed tariff (TBCB)	
6,630 MVA Regulated	6,000 MVA Regulated return (ROA)	3,250 MVA Regulated	710 MVA Regulated	1,360 MVA Fixed tariff	- Fixed tariff	343 ckms - Fixed tariff	650 ckms - Fixed tariff	- Fixed tariff	- Fixed tariff	630 Fixe

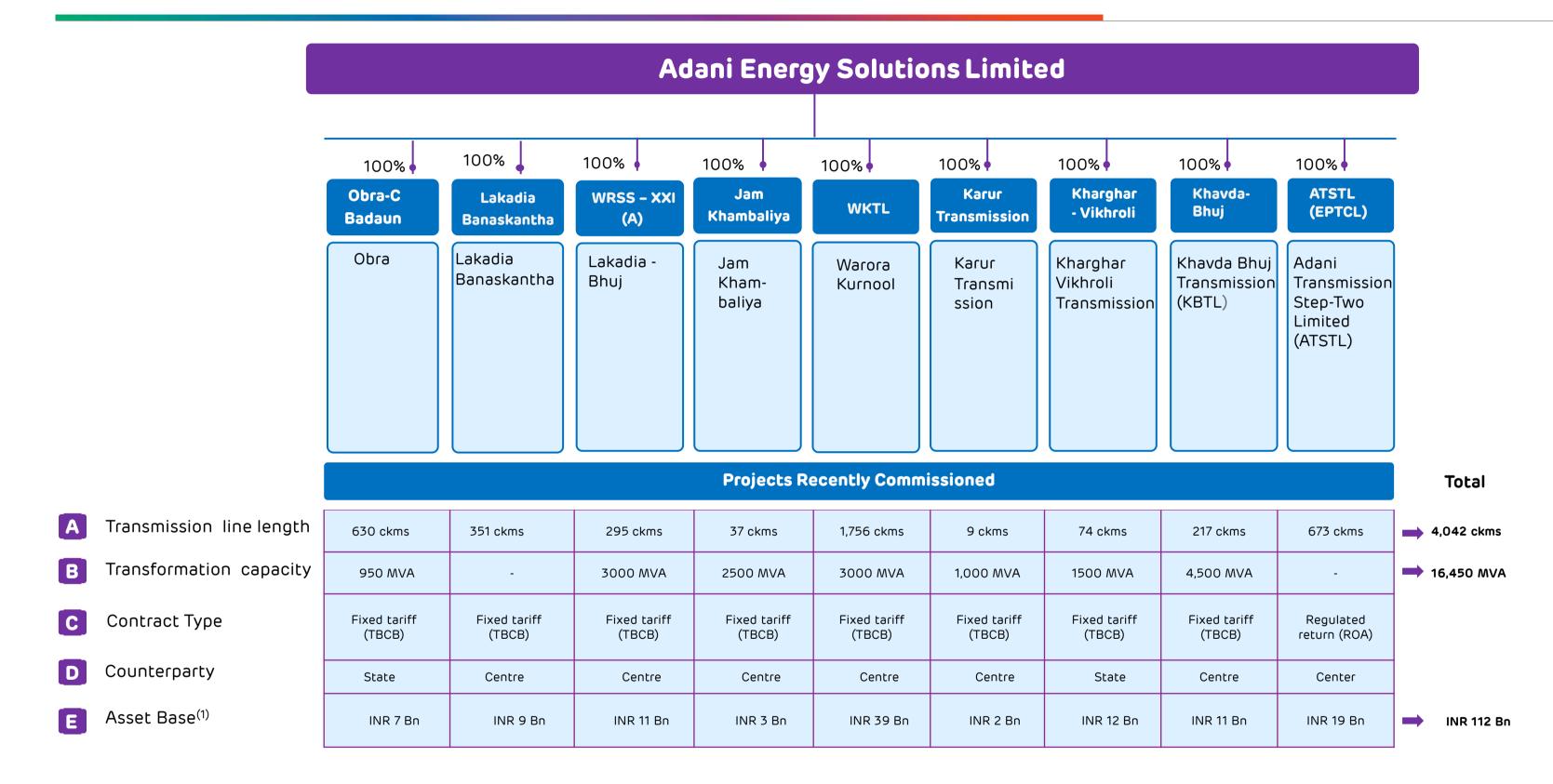
Notes: ATIL - Adani Energy Solutions (India) Limited; MEGPTCL - Maharashtra Eastern Grid Power Transmission Co. Limited; AEML: Adani Electricity Mumbai Limited (Distribution business); MUL: MPSEZ Utilities Limited; WTGL: Western Transmission Gujarat Limited; WTPL: Western Transco Power Limited: ATBSPL: Adani Energy Solutions Bikaner Sikar Private Limited; STL - Sipat Transmission Limited; RRWLT - Raipur Rajnandgaon Warora Transmission Limited; ATRL – Adani Energy Solutions (Rajasthan) Limited; ATSCL – Aravali Transmission Limited; CWRTL – Chhattisgarh WR Transmission Limited; ATRL – Adani Energy Solutions (Rajasthan) Limited; ATSCL – Aravali Transmission Limited; CWRTL – Chhattisgarh WR Transmission Limited; ATRL – Adani Energy Solutions (Rajasthan) Limited; ATSCL – Aravali Transmission Limited; CWRTL – Chhattisgarh WR Transmission Limited; ATRL – Adani Energy Solutions (Rajasthan) Limited; ATSCL – Aravali Transmission Limited; CWRTL – Chhattisgarh WR Transmission Limited; ATRL – Adani Service Company Limited; MTSCL – Maru Transmission Service Company Limited, FBTL: Fatehgarh Bhadla Transmission Limited; WRSS M – Western Region System Strengthening Scheme Maharashtra, WRSS G – Western Region System Strengthening Scheme Gujarat, (1) Asset base for operational assets as per project cost and Mumbai GTD (AEML) as per Regulated Asset Base





31

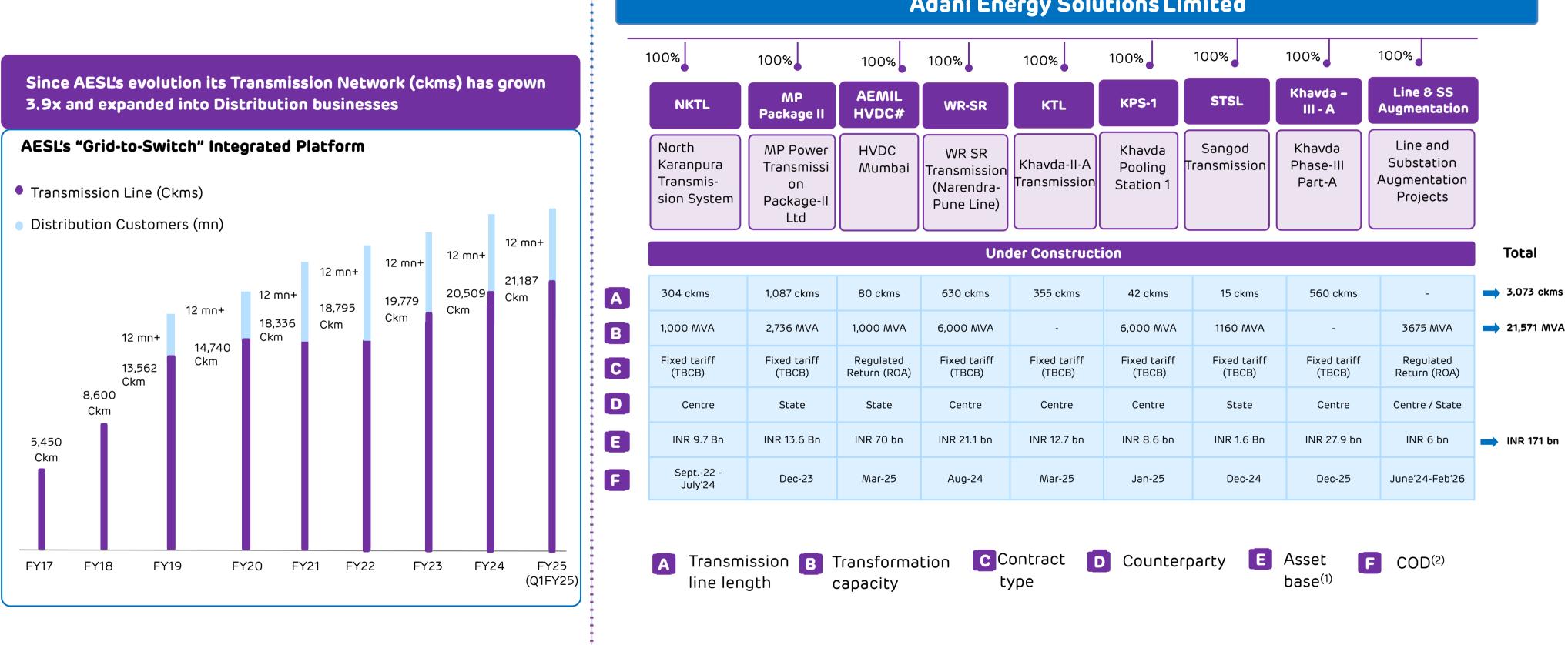
## **AESL's** Operational Asset Portfolio as of June 2024 (2/2)



Notes: ATIL - Adani Energy Solutions (India) Limited; MEGPTCL - Maharashtra Eastern Grid Power Transmission Co. Limited; AEML: Adani Energy Solutions Bikaner Sikar Private Limited; STL - Sipat Transmission Limited; RRWLT -Raipur Rajnandgaon Warora Transmission Limited; CWTL - Chhattisgarh WR Transmission Step-Two Limited; ATSCL - Aravali Transmission Service Company Limited; WKTL: Warora Kurnool Transmission Limited; ATSTL: Adani Transmission Step-Two Limited; MTSCL – Maru Transmission Service Company Limited, WRSS M – Western Region System Strengthening Scheme Gujarat, (1) Asset base for operational assets as per project cost and Mumbai GTD (AEML) as per Regulated Asset Base



## **AESL's** Transmission Under-construction Asset Portfolio as of June 2024

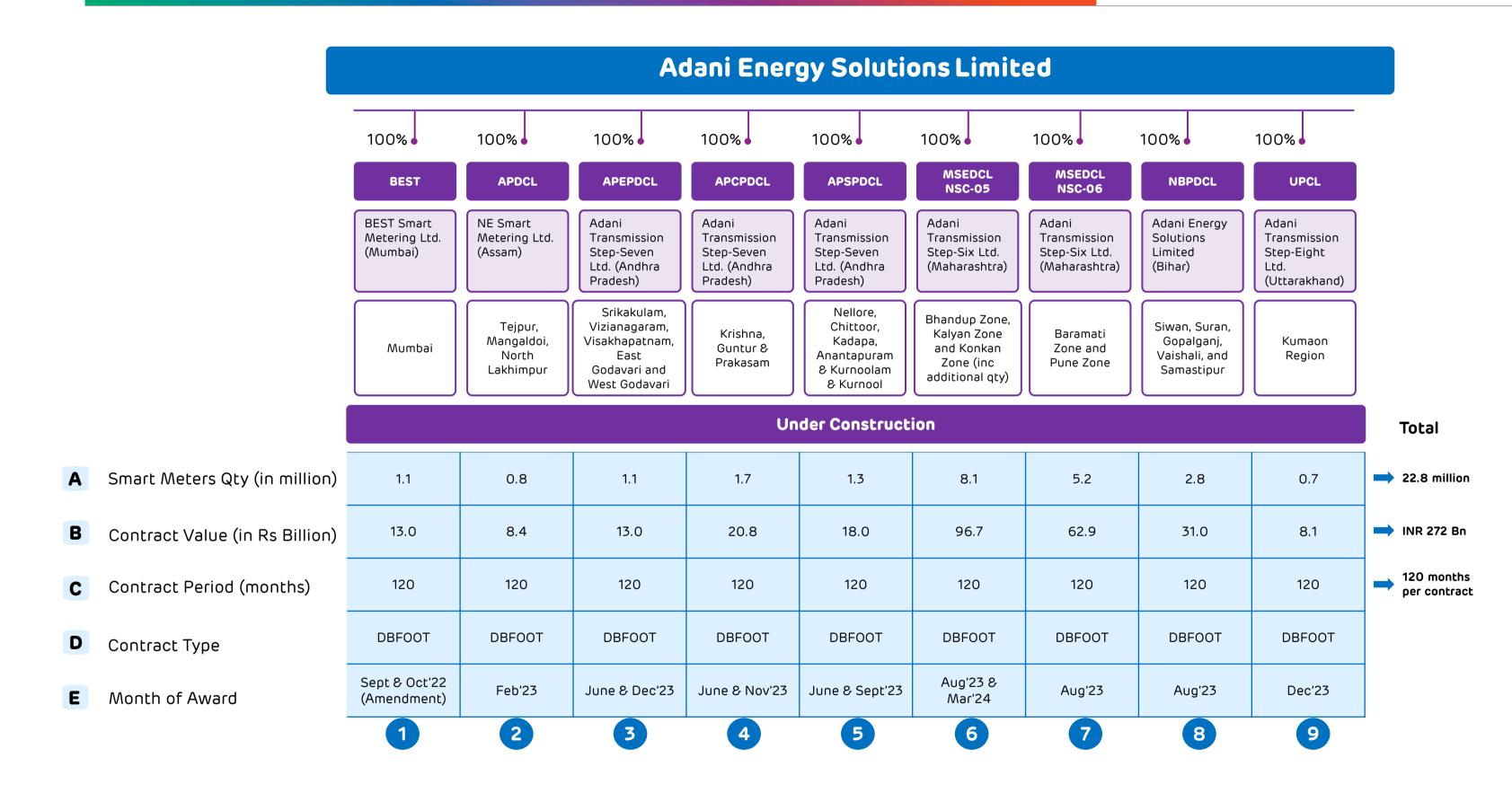


Notes: 1) Asset base for under-construction assets - as per the estimated project cost as of June 2024; (2) Provisional Commercial Operation Date (COD); NKTL - North Karanpura Transco Limited; KTL: Khavda Transmission Limited; KPS: Khavda Pooling Station; STSL: Sangod Transmission Service limited #AEMIL - Adani Electricity Mumba Infra Limited 100% shares are currently being held by AEML. Due to CERC restrictions 51% shares are pledged in favor of AESL





## **AESL's** Smart Metering Under-construction Portfolio as of June 2024



Notes: The Discoms are our customers and AESL is executing these contracts through 100% owned SPVs.; DBFOOT: Design-Build-Finance-Own-Operate-Transfer; BEST: Brihanmumbai Electricity Supply and Transport; APDCL: Assam Power Distribution Company Ltd; APEPDCL: Andhra Pradesh Eastern Power Distribution Co Ltd; APCPDCL: Andhra Pradesh Central Power Distribution Co Ltd; APSPDCL; Andhra Pradesh Southern Power Distribution Co Ltd; MSEDCL: Maharashtra State Electricity Distribution Company Limited; NBPDCL: North Bihar Power Distribution Company Limited; UPCL: Uttarakhand Power Corporation Limited



34

## **AESL:** Key Financial Numbers as of June 2024

Particulars	As of June 30, 2024
Long Term Borrowings incl Current maturities	37,481.69
Short term Borrowings	2,129.78
Interest Accrued but not due	413.75
Total (A)	40,024.22
Shareholders Funds:	
Equity Share Capital	1,115.49
Other Equity	10,767.27
Non-Controlling Interests	702.28
Total (B)	12,585.04
Total Capitalisation (A+B)	52,609.26



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