

10th April, 2025

BSE Limited

P J Towers, Dalal Street, Mumbai – 400001

Scrip Code: 539254

Dear Sir / Madam,

National Stock Exchange of India Limited

Exchange plaza, Bandra-Kurla Complex, Bandra (E), Mumbai – 400051

Scrip Code: ADANIENSOL

Sub: Provisional Operational Updates - Q4 & FY 25.

We are enclosing herewith the Provisional Operational Updates of the Company for Q4 & FY 25.

You are requested to take the same on your records.

Yours faithfully,

For Adani Energy Solutions Limited

Jaladhi Shukla Company Secretary

Encl: As above





Adani Energy Solutions Limited

(Formerly known as Adani Transmission Limited)

Provisional Operational Update Q4 and FY25

April 2025

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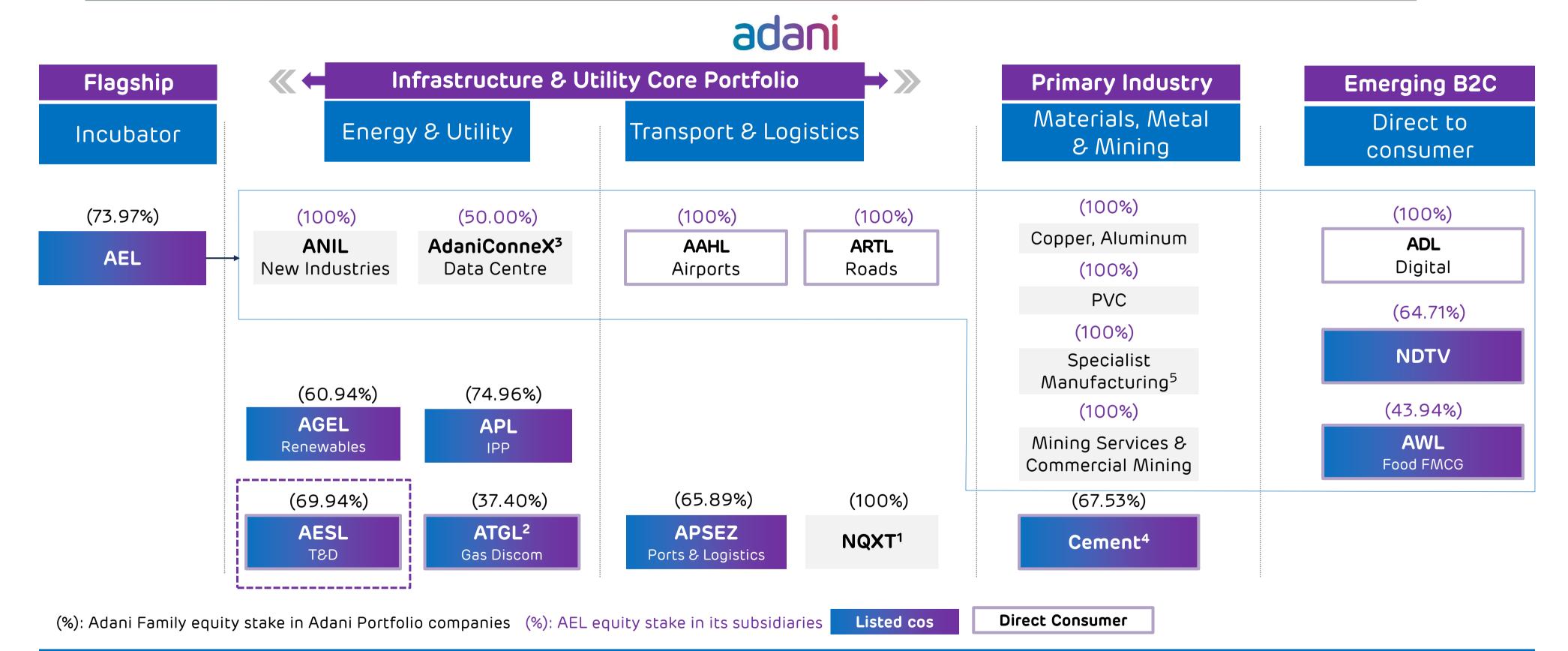




Adani Portfolio

Adani: A World Class Infrastructure & Utility Portfolio





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

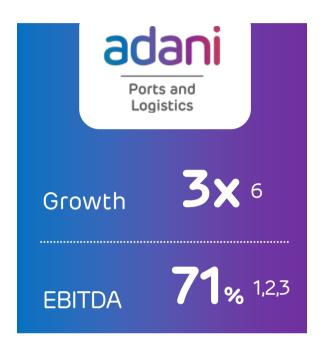
Notes: 1. NQXT: North Queensland Export Terminal | 2. ATGL: Adani Total Gas Ltd, JV with Total Energies | 3. Data center, JV with EdgeConnex, | 4. Cement includes 67.53% (67.57% on Voting Rights basis) stake in Ambuja Cements as on 31st December, 2024 which in turn owns 50.05% in ACC Limited. Adani directly 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 | 6. AEL to exit Adani Wilmar JV, diluted 13.50% through Offer For Sale (13th Jan'24), residual stake dilution is pursuant to agreement between Adani & Wilmar Group. | AEL: Adani Enterprises Limited; APSEZ: Adani Ports and Special Economic Zone Limited; T&D: Transmission & Distribution; APL: Adani Power Limited; AGEL: Adani Green Energy Limited; AAHL: Adani Airport Holdings Limited; ARTL: Adani Roads Transport Limited; AWL: Adani Wilmar Limited; ADL: Adani Digital Labs Pvt. Limited; IPP: Independent Power Producer | NDTV: New Delhi Television Ltd | PVC: Polyvinyl Chloride I Promoter's holdings are as on 31st December, 2024

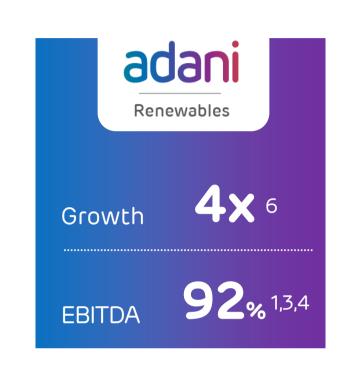


Adani Portfolio: Decades long track record of industry best growth with national footprint

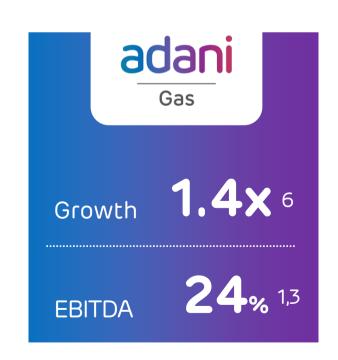


Secular growth with world leading efficiency









National footprint with deep coverage AEL APSEZ Adani's Core Infra. AGEL Platform -ATGL AESL 350 Mn APL Adani Cement Userbase

Notes: 1. Data for FY24; 2. Margin for Indian ports business only I Excludes forex gains/losses; 3. EBITDA: Earning before Interest Tax Depreciation & Amortization I EBITDA: PAT + Share of profit from JV + Tax + Deferred Tax + Depreciation + Finance Cost + Forex Loss / (Gain) + Exceptional Items 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. Growth of respective Adami portfolio company vs. Industry 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: Adami Enterprises Limited I AESL: Adami Ports and Special Economic Zone Limited I AESL: Adami Energy Solutions Limited I APL: Adami Power Limited I AGEL: Adami 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 I Renewable (operational capacity): Industry Source: APSEZ (domestic Capacity Report - Central Electricity Authority (cea.nic.in) I AESL (ckms): National Power Portal (npp.gov.in) I ATGL: AGSL: Brochure petroleum.cdr (pngrb.gov.in) | ATGL (GAS): Broc

Adani: Repeatable, robust & proven transformative model of investment



DEVELOPMENT

Adani Infra (India) Limited (AIIL)

OPERATIONS

CONSUMERS New C.E.O. Consumer | Employees | Other Stakeholders

Origination

- Analysis & market intelligence
- Viability analysis

Site Development

- Site acquisition
- Concessions & regulatory agreements

Construction

- Engineering & design
- Sourcing & quality

Operation

- Life cycle O&M planning
- Asset Management plan

Operations (AIMSL)

Inspired Purpose & Value Creation

- Delivering exceptional products & services for elevated engagement
- Differentiated and many P&Ls



India's Largest Commercial Port (at Mundra)



Longest Private HVDC Line

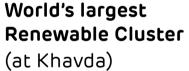
Investment Case

Development

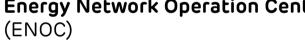
(Mundra - Mohindergarh)

Growth Capital - Platform

Framework



Infrastructure Financing





Energy Network Operation Center



MANAGEMENT CAPITAL

ACTIVITY

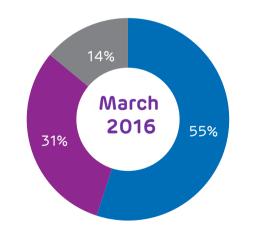
ERFORMANCE

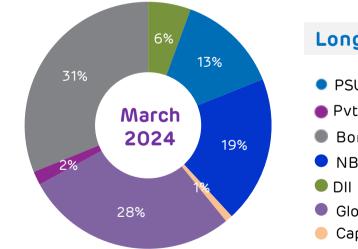
Strategic value Mapping

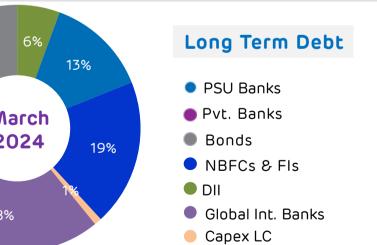
Policy, Strategy & Risk Framework



Duration Risk Matching Risk Management - Rate & Currency Governance & Assurance **Diversified Source of Capital**







ENABLER

Continued Focus & Investment



Human Capital Development

- Leadership Development Initiatives
- Investment in Human Capital

Al enabled Digital Transformation

- Power Utility Business ENOC
- City Gas Distribution SOUL
- Transportation Business AOCC

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



Development



Execution Prowess

Transmission Network of 26.696 ckm⁽¹⁾

Built Longest Private HVDC Line (2)

Strategic Presence

Transmission - Presence in 14 states Distribution - Integrated utilities catering

Smart Meters - **Presence in 5 states**

to Mumbai (AEML) and Mundra (MUL)

RAB expansion through Asset Hardening in Discoms

7% CAGR growth in RAB in Mumbai Discom 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 (4.77% in FY25 in AEML)

Highest EBITDA margin in the sector (92% in Transmission)

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 (**RE share in** AEML's power mix reached 36% and on track to reach 60% by FY27)

Installed 3.36 MWp solar capacity for auxiliary consumption at substations

Board Diversity and Strengthening

Returns and **Equity Value** Creation



Equity Program

Raised Rs 8,373 crore via QIP, making it the largest fundraise in the Indian power sector

Secured primary and secondary equity investments from marquee investors

Capital Management and International IG Rating

Robust capital management program with access to long tenor low-cost capital

BBB- / Baa3⁽³⁾

Significant Growth Potential

Parallel Licensing, Smart Metering and **Energy Solutions**

Increasing participation in renewable grid (eg: HVDC Mumbai, Khavda)

Green industrial cluster in Mundra





Q4FY25 - Executive Summary

AESL: Executive Summary – Performance in Q4FY25



Maintained robust system availability of 99.7% in Q4FY25 • Added 140 ckm during Q4FY25, with total transmission network at 26,696 ckm **Transmission** During Q4 secured two new transmission projects - Navinal (Mundra) Phase I Part-B 1 and Business Mahan Transmission with a project cost of Rs 2,800 crore and Rs 2,200 crore respectively • The transmission under-construction order book rose by 3.5x to Rs 59,936 crore from Rs 17,000 crore at the start of the year, boosted by higher bidding activity AEML: The Mumbai utility's distribution loss further improved to 4.31% in Q4 • Maintained robust supply reliability (ASAI) of more than 99.9% • In Q4FY25, total units sold rose by 8% YoY to 2,413 million units driven by higher demand in Distribution residential and commercial segments offsetting the decline in industrial segment Business • The share of e-payment in total collection rose to 83.20% in Q4FY25 vs 80.23% in Q4FY24, (AEML and MUL) highlighting the focused approach to digital adoption **MUL**: With robust industrial and commercial demand, the units sold in MUL increased by 35% YoY to 253 million units vs 188 million units last year • Installed ~31 lakh smart meters as of Q4FY25. The company plans to install new 60 to 70 **Smart Metering** lakh meters in FY26, thereby, achieving a cumulative number of ~1 crore meters by FY26

• The untapped market opportunity is ~97 million smart meters

Business

Other Recent Updates:

- In terms of project progress, the stringing work of Khavda Phase II Part-A and KPS-1 is completed. Once the remaining elements are completed by the end of April 2025, the projects will be fully commissioned
- The share of renewable power supplied to the Mumbai circle stands at 36% as of March 31, 2025, and on track to achieve 60% by FY27
- AESL singed an MoU with MAHAPREIT to implement cooling solutions in the Mumbai and nearby areas, aimed to reduce carbon footprint and support India's net zero goals
- For the third year in a row, AEML ranked No. 1 utility in 13 edition of integrated ratings of DISCOMs for FY24.
 The award by PFC is based on financial sustainability, performance excellence and external environment
- AEML secured an A+ ratings in the 4th edition of CSRD report for FY24. This award by REC is centered around operational reliability and grievance redressal. This achievement underscores our customer first approach
- AESL won the 5th CII's CAP 2.0 award 2024 under Resilient category in the Energy Mining and Heavy Manufacturing sector, highlighting the company's commitment climate action and sustainability goals

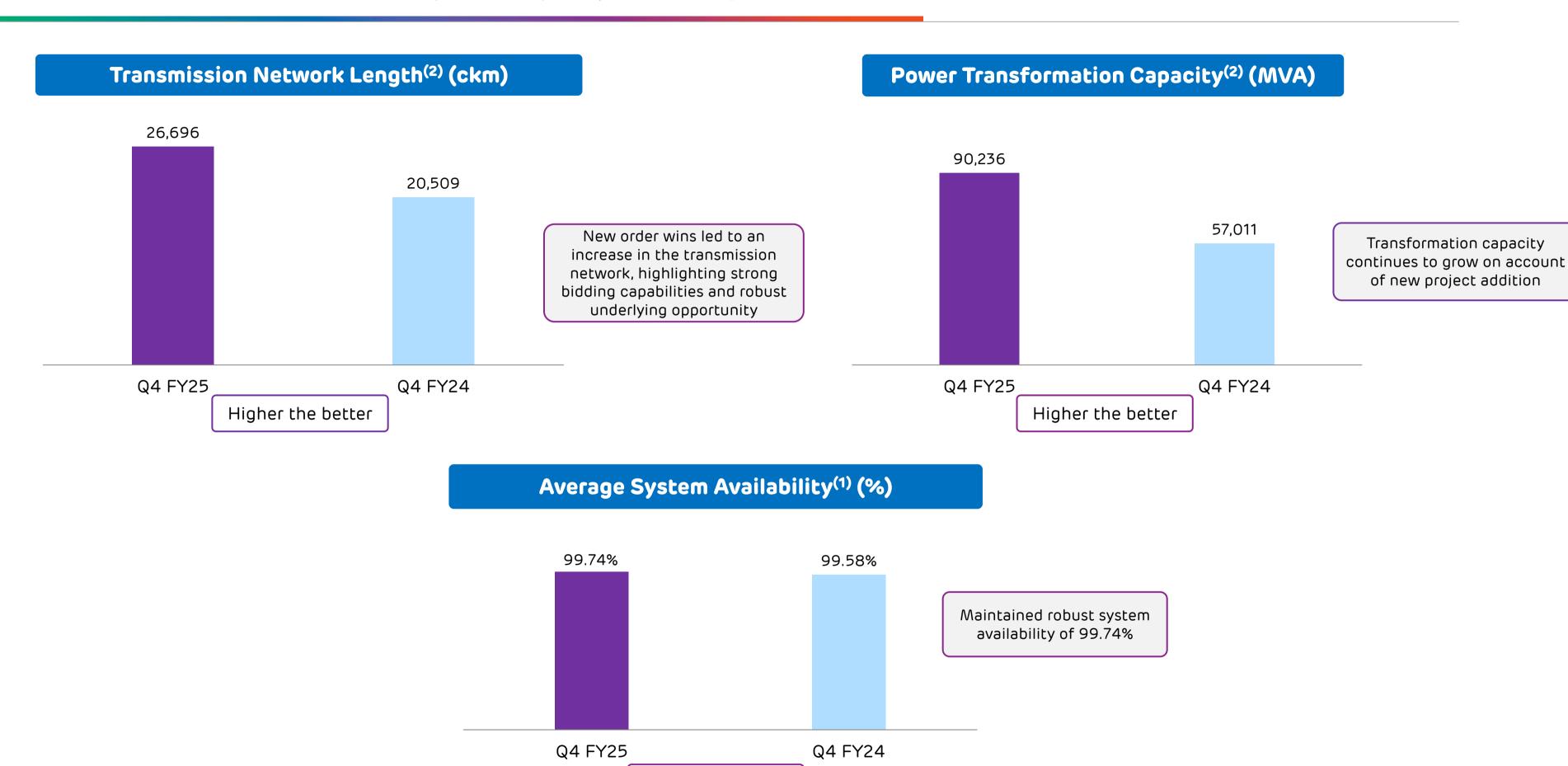




Q4FY25 Operational Performance (YoY)

AESL: Transmission Utility - Key Operating Metrics Q4FY25 (YoY)

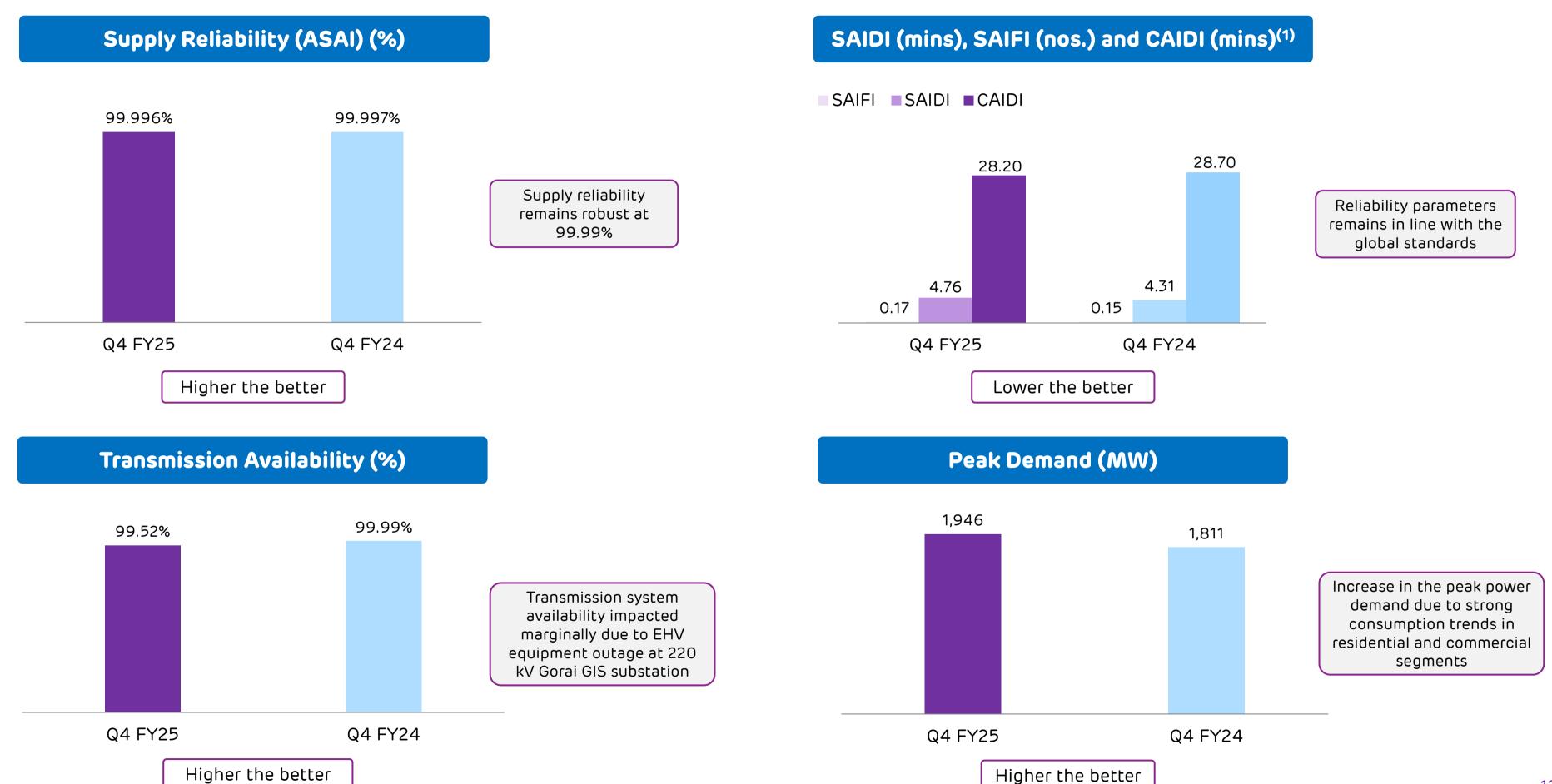




Higher the better

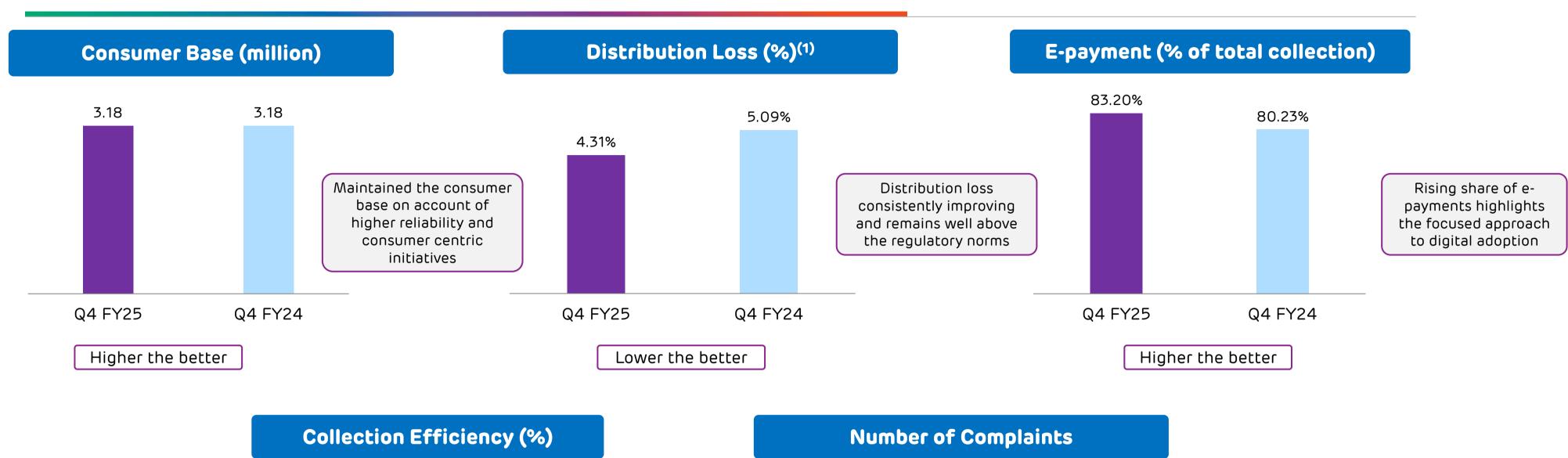
AEML: Distribution Utility - Key Operating Metrics Q4FY25 (YoY)

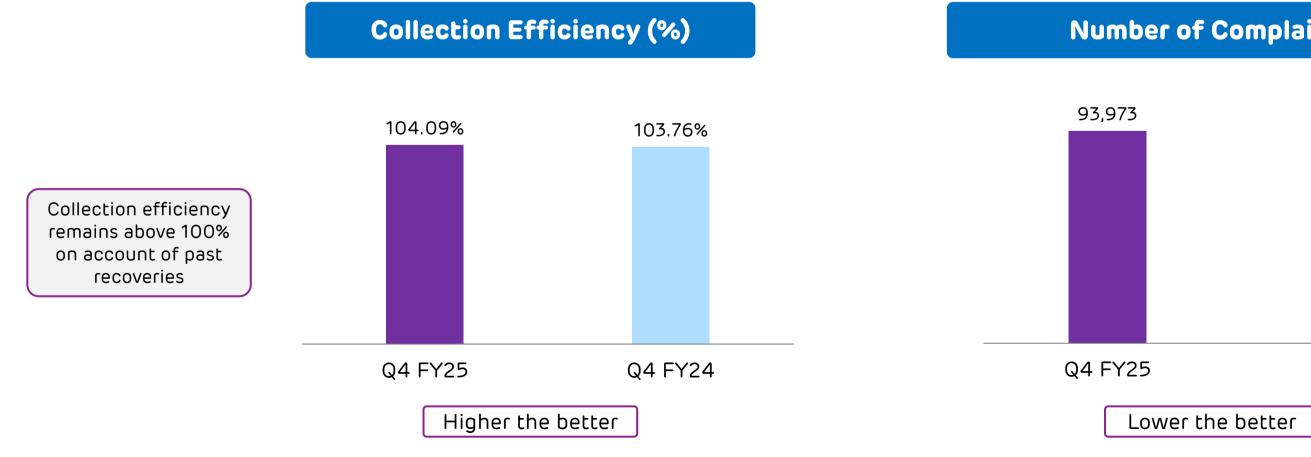


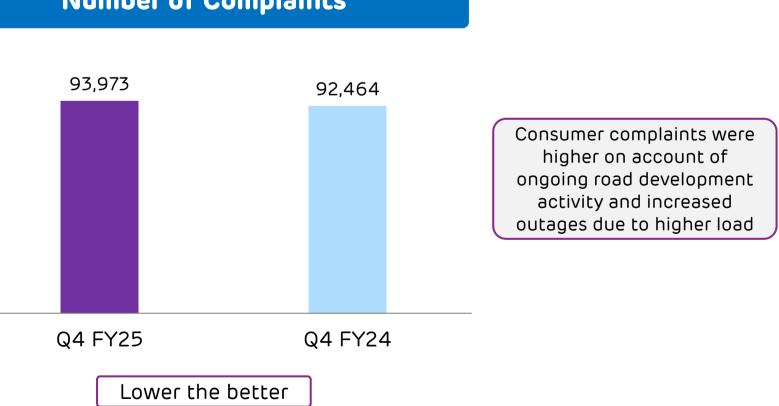


AEML: Distribution Utility – Key Operating Metrics Q4FY25 (YoY)





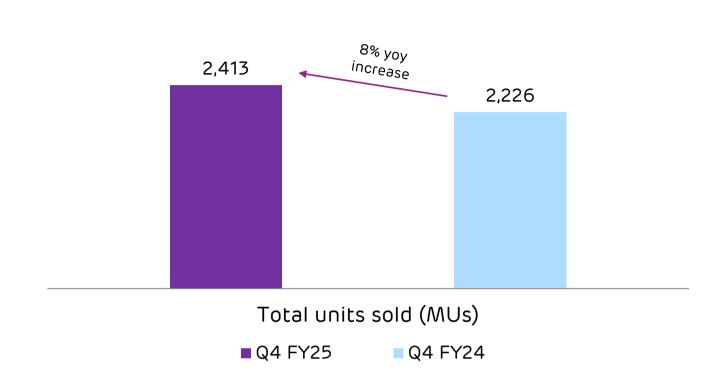




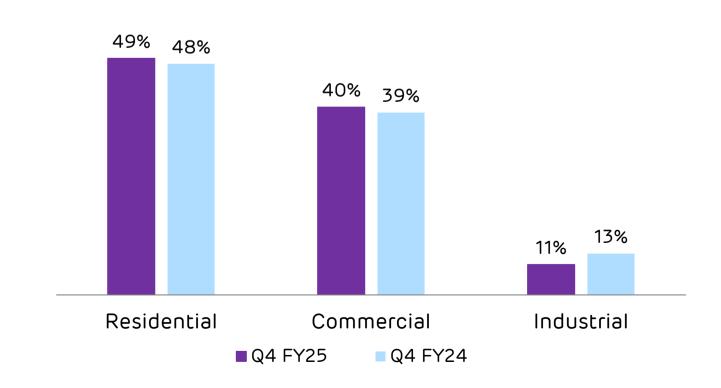
AEML and MUL: Volume and Consumer Mix Q4FY25 (YoY)



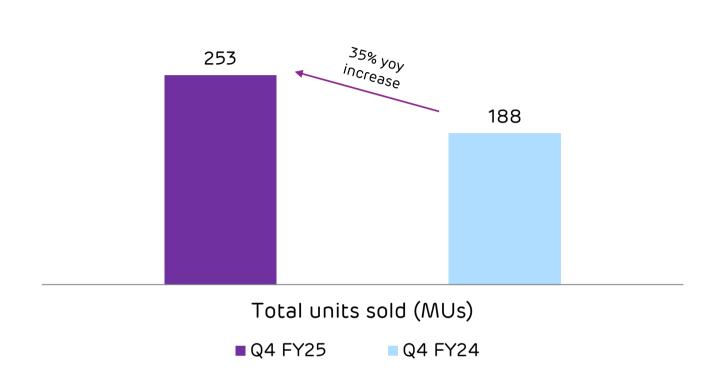




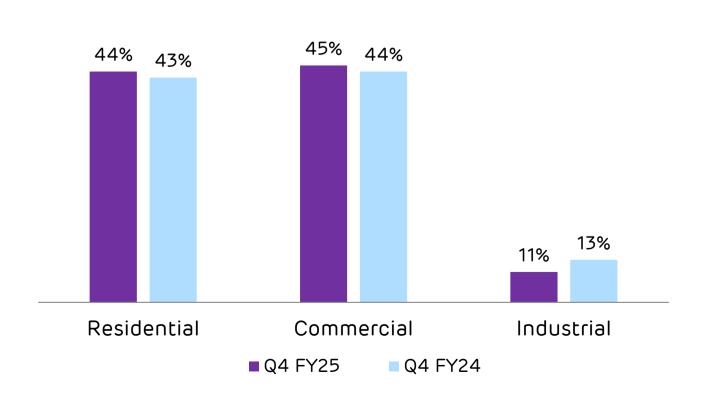
AEML - Consumer-wise volume mix %



MUL - Total Units Sold (MUs)



AEML - Consumer-wise revenue mix %



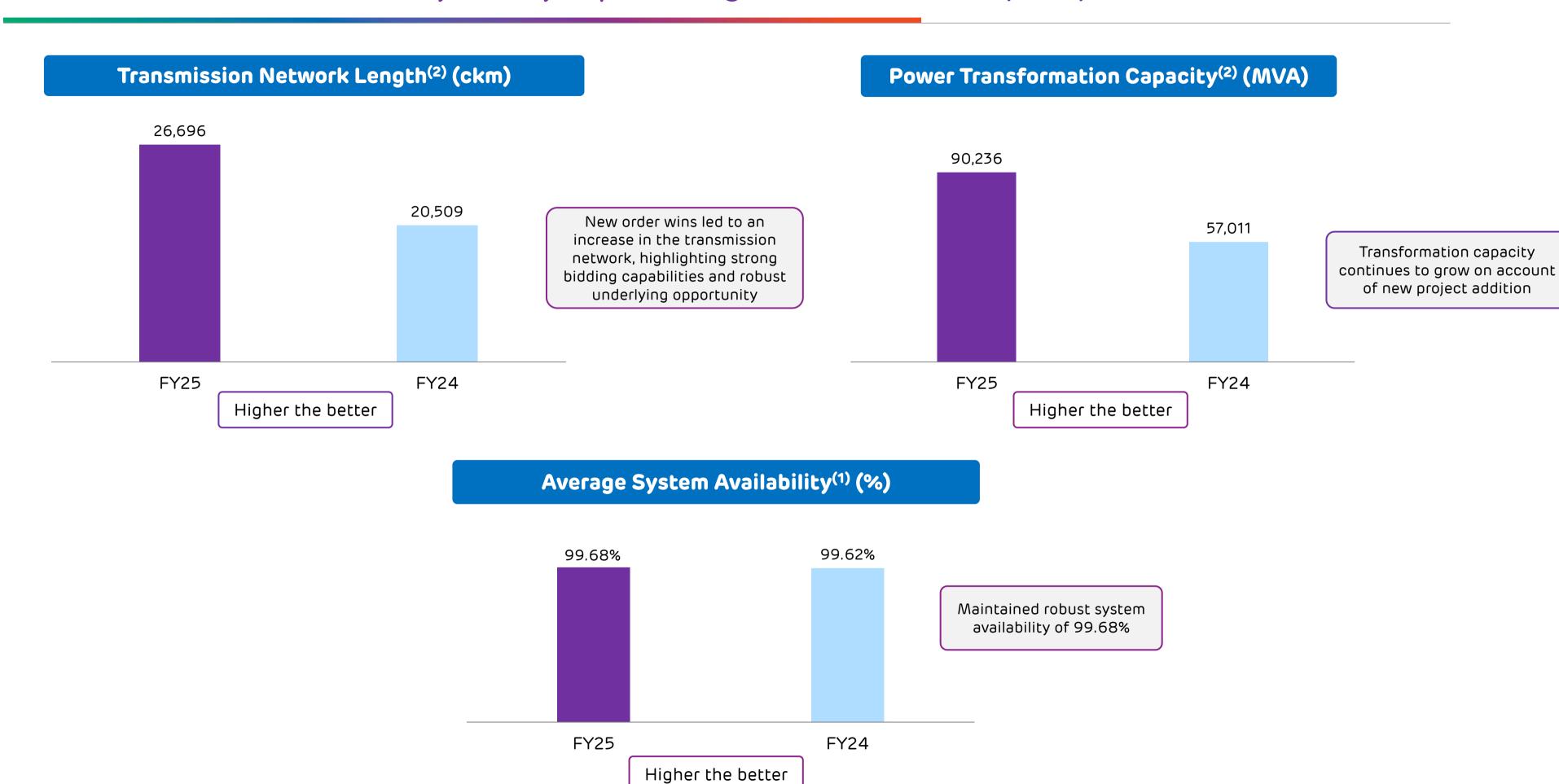




FY25 Operational Performance (YoY)

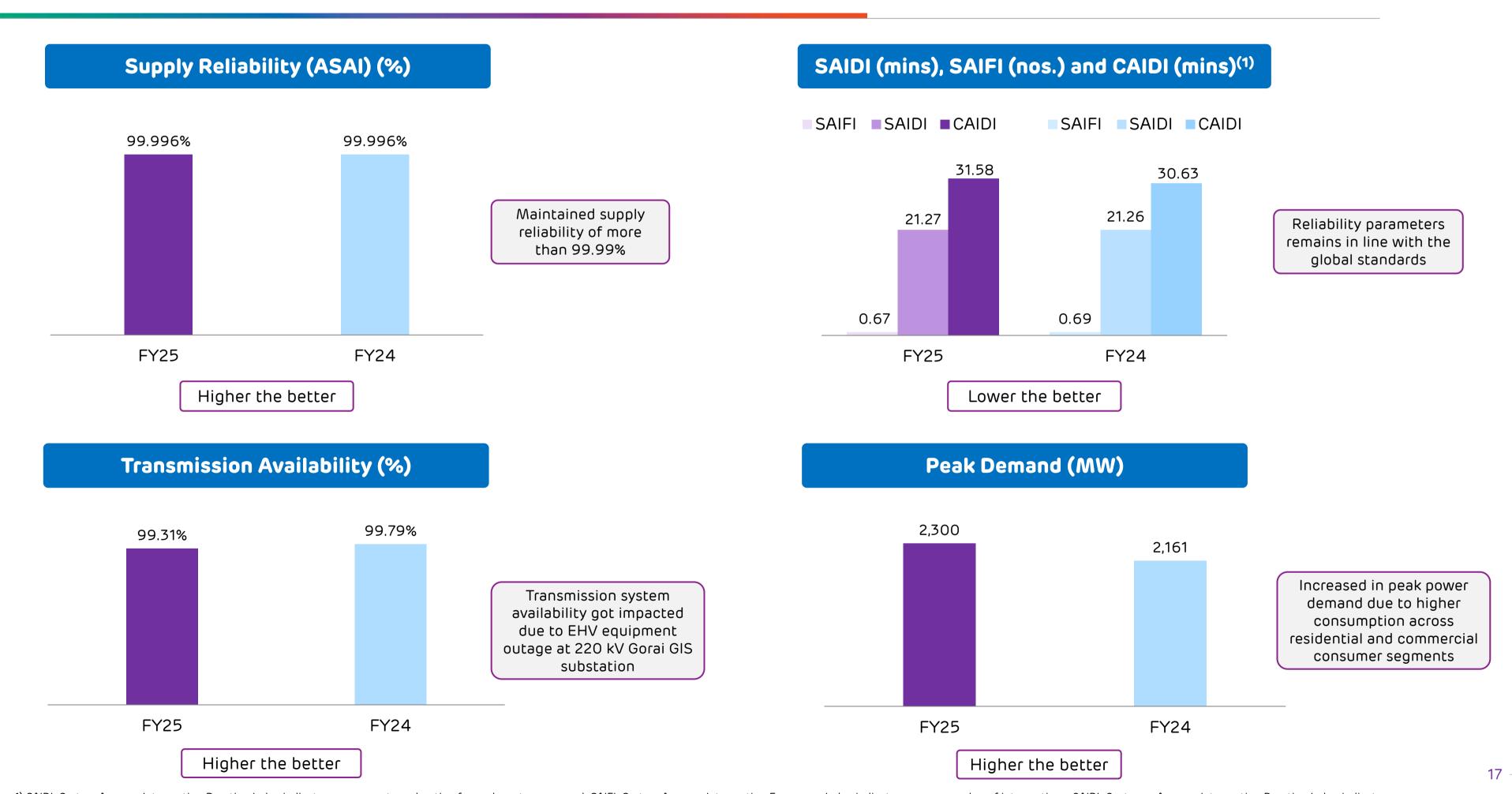
AESL: Transmission Utility - Key Operating Metrics FY25 (YoY)





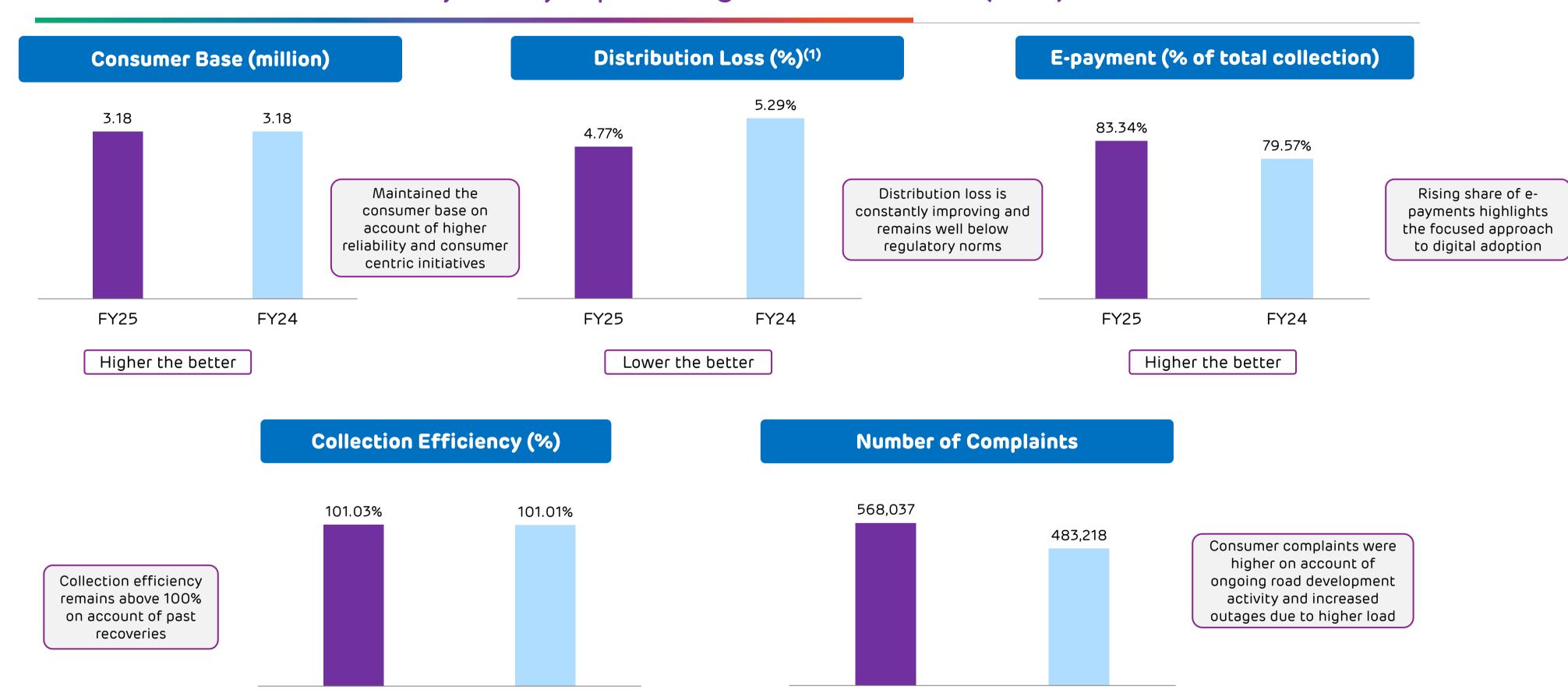
AEML: Distribution Utility – Key Operating Metrics FY25 (YoY)





AEML: Distribution Utility - Key Operating Metrics FY25 (YoY)





FY25

Lower the better

FY24

FY24

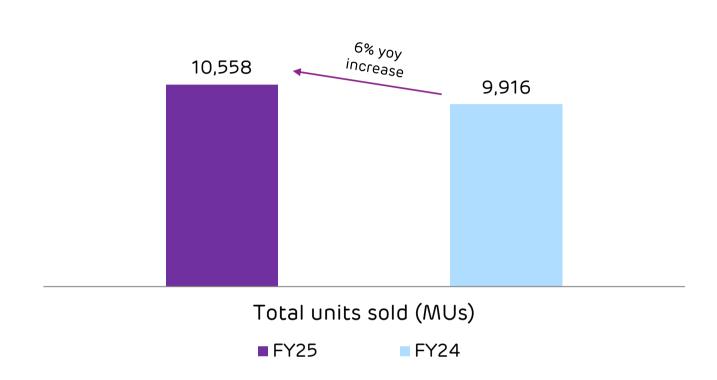
FY25

Higher the better

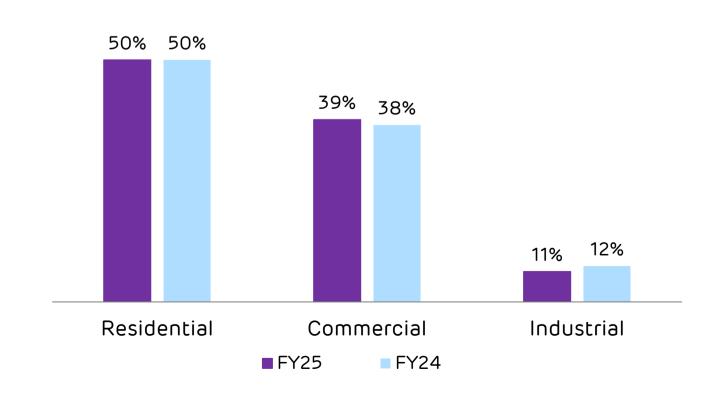
AEML and MUL: Volume and Consumer Mix FY25 (YoY)



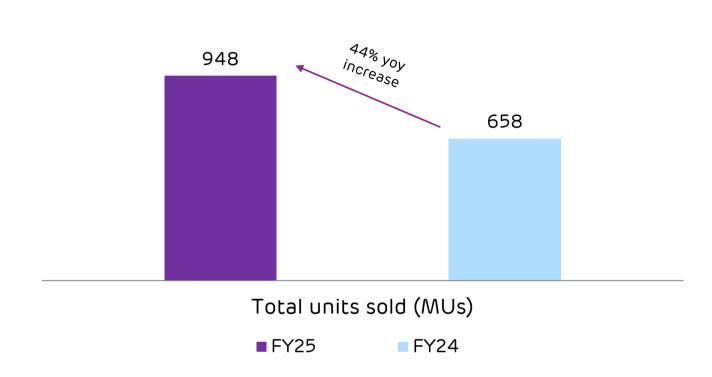




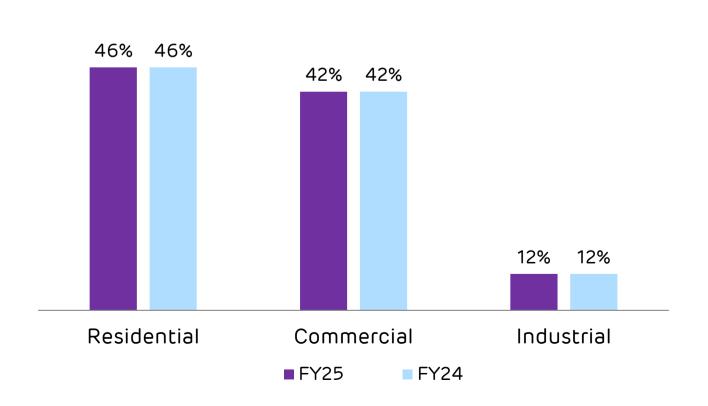
AEML - Consumer-wise volume mix %



MUL - Total Units Sold (MUs)



AEML - Consumer-wise revenue mix %







Annexure

AESL: Recent Business Updates and Awards



Secured Navinal (Mundra) Phase I Part-B 1 with a project cost of ~RS 2,800 crore and a levelized tariff of Rs 308 crore. The project once commissioned will add 150 ckm and 3,000 MVA and will facilitate 3 GW of green hydrogen / ammonia manufacturing at Mundra

Won intra-state Mahan Transmission project with a project cost of Rs 2,200 crore and levelized tariff of Rs 363 crore, which will evacuate 1,230 MW power in Madhya Pradesh. The project will add 740 ckm and 2,800 MVA

With a renewed focus on gaining market share supported by strong bidding activity, the transmission order book of AESL has increased by 3.5x to Rs 59,936 crore from Rs 17,000 crore at the start of the year

In terms of project progress, the stringing work of Khavda Phase II Part-A and KPS-1 is completed. Once the remaining elements are completed by the end of April 2025, the projects will be fully commissioned AEML secured an A+ ratings in the 4th edition of CSRD report for FY24. This award by REC is centered around operational reliability and grievance redressal. This achievement underscores our customer first approach

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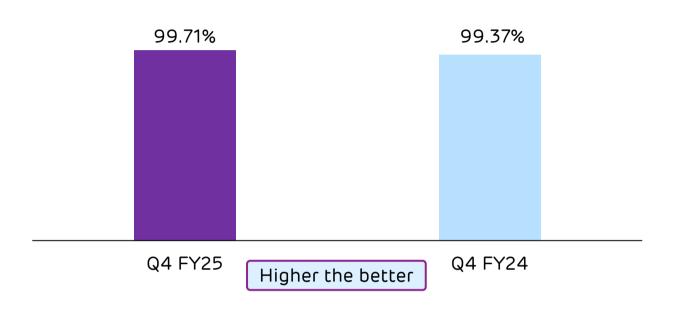
AEML has been recognized with a Gold Award by Brandon Hall at the 2024 Brandon Hall HR Excellence Awards for excellence in leadership development

AESL: Q4FY25 (YoY) - Line availability across asset groups



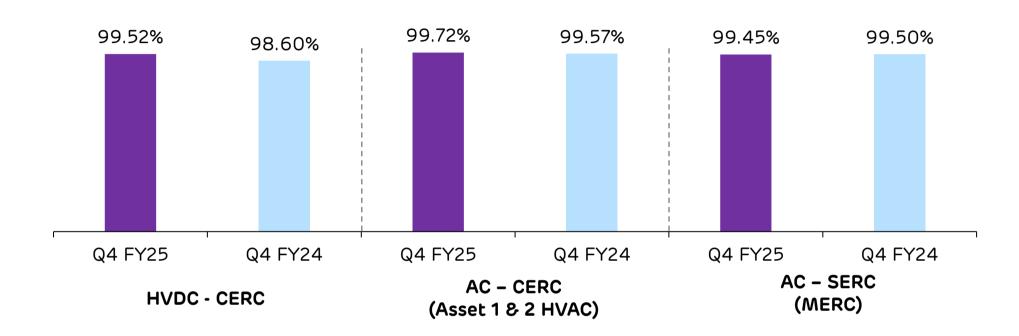
Average Availability Across Operational Assets %(1)

Line Availability - ATSOL Obligor Assets



Focus on Maximizing Average Availability %

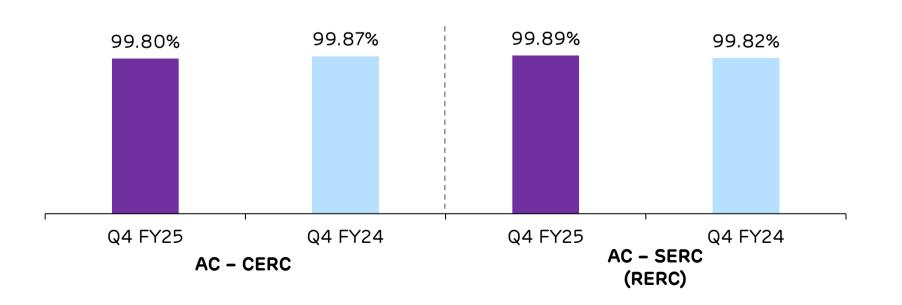
Average Availability - ATSOL Obligor Assets



Line Availability - USPP Assets



Average Availability - USPP Assets

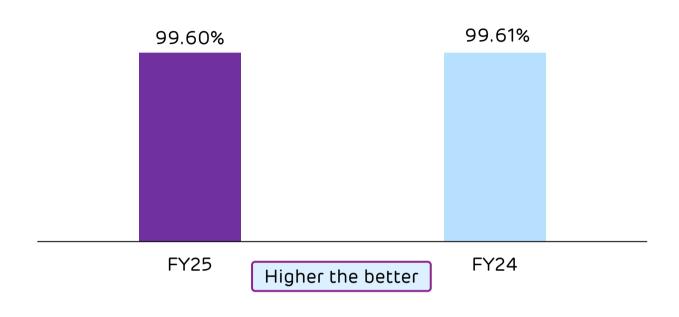


AESL: FY25 (YoY) - Line availability across asset groups



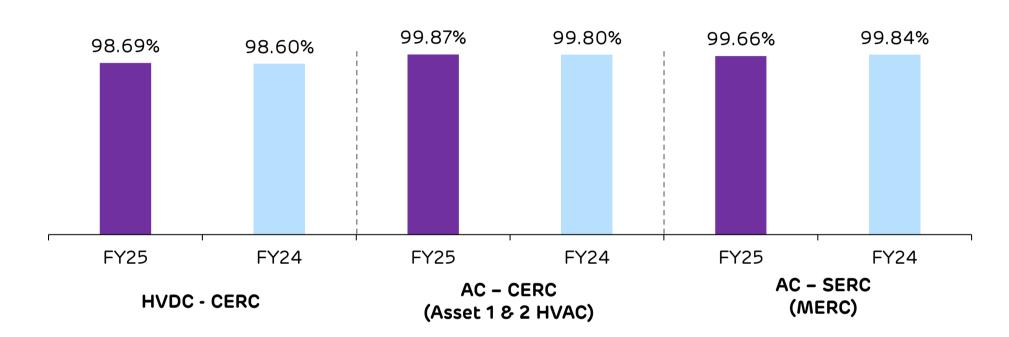
Average Availability Across Operational Assets %(1)

Line Availability - ATSOL Obligor Assets

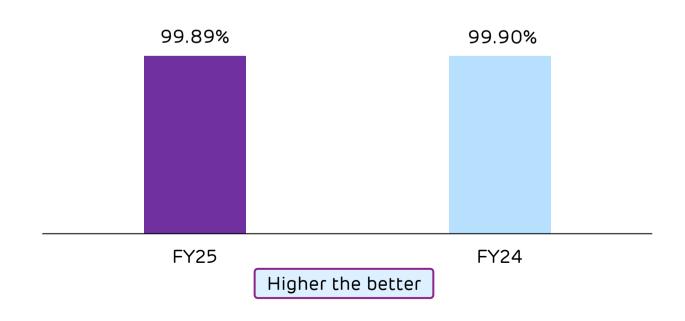


Focus on Maximizing Average Availability %

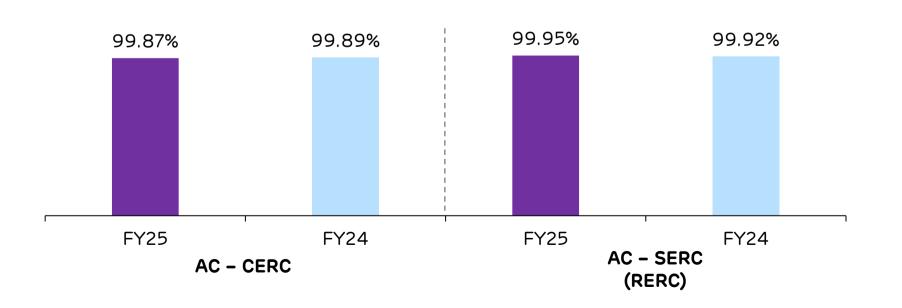
Average Availability - ATSOL Obligor Assets



Line Availability - USPP Assets

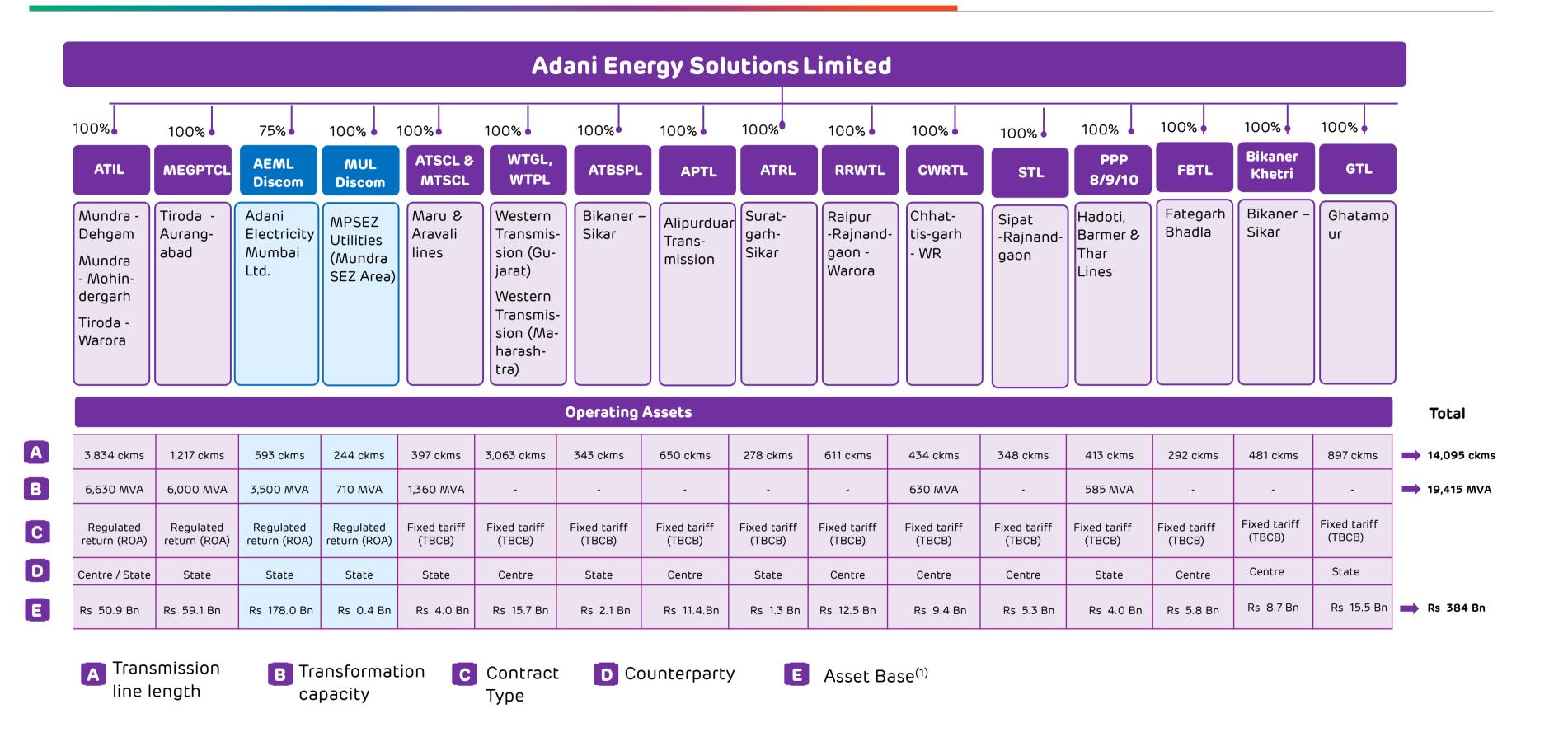


Average Availability - USPP Assets



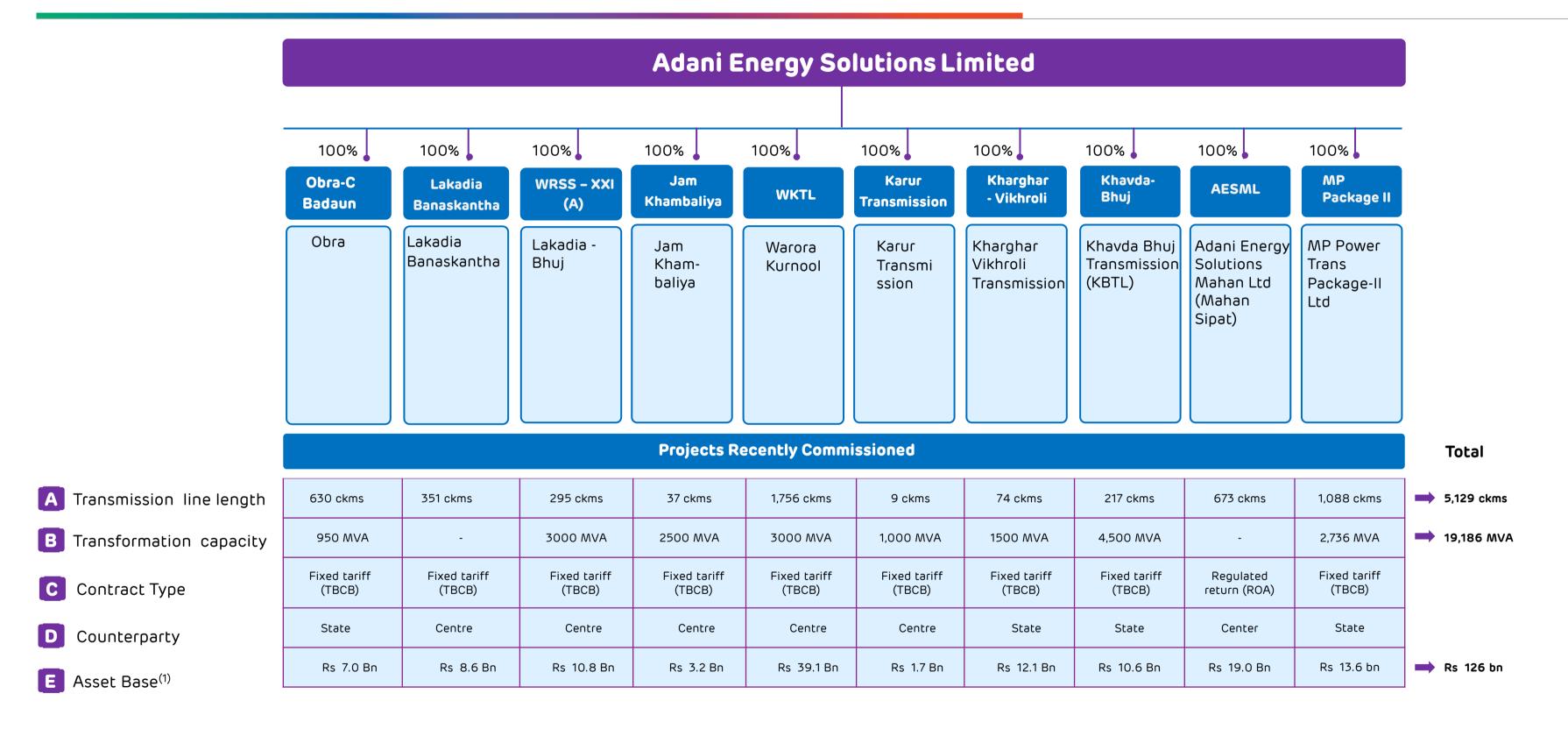
AESL's Operational Asset Portfolio as of March 2025 (1/2)





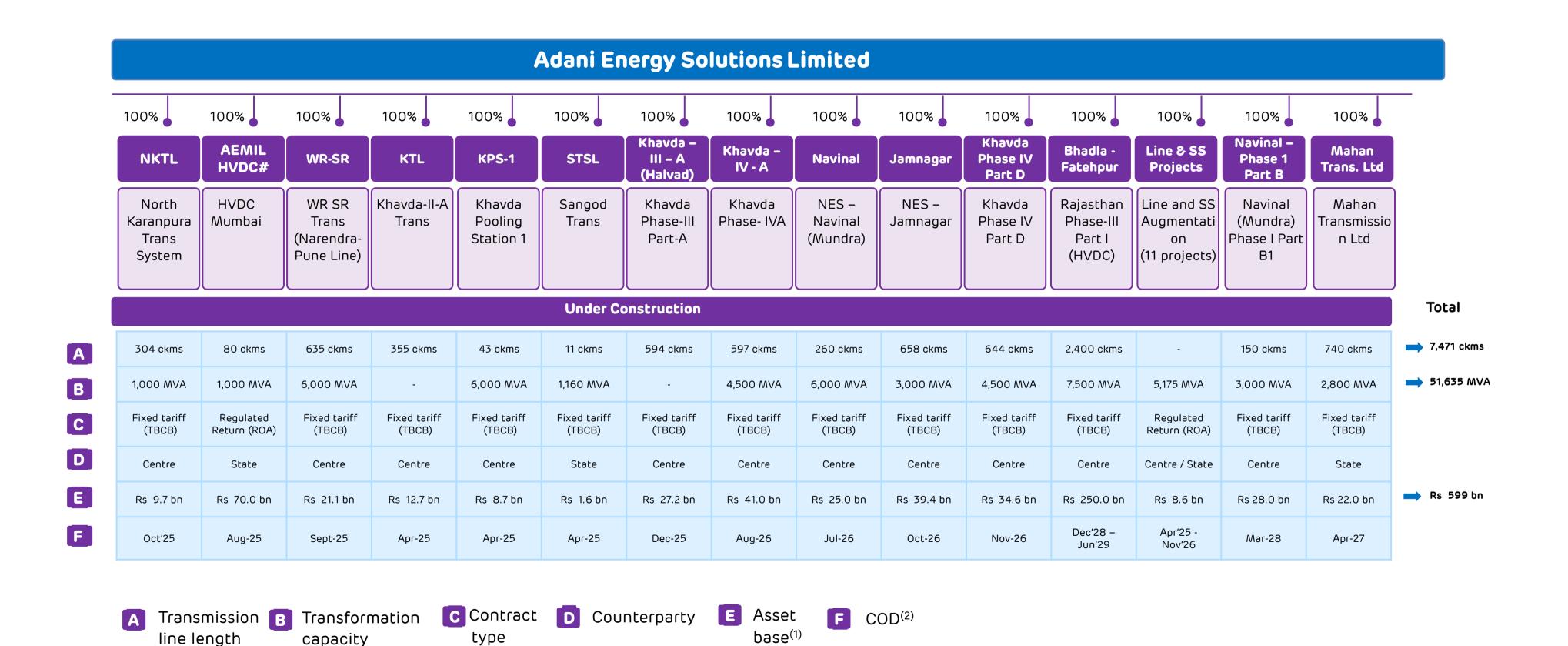
AESL's Operational Asset Portfolio as of March 2025 (2/2)





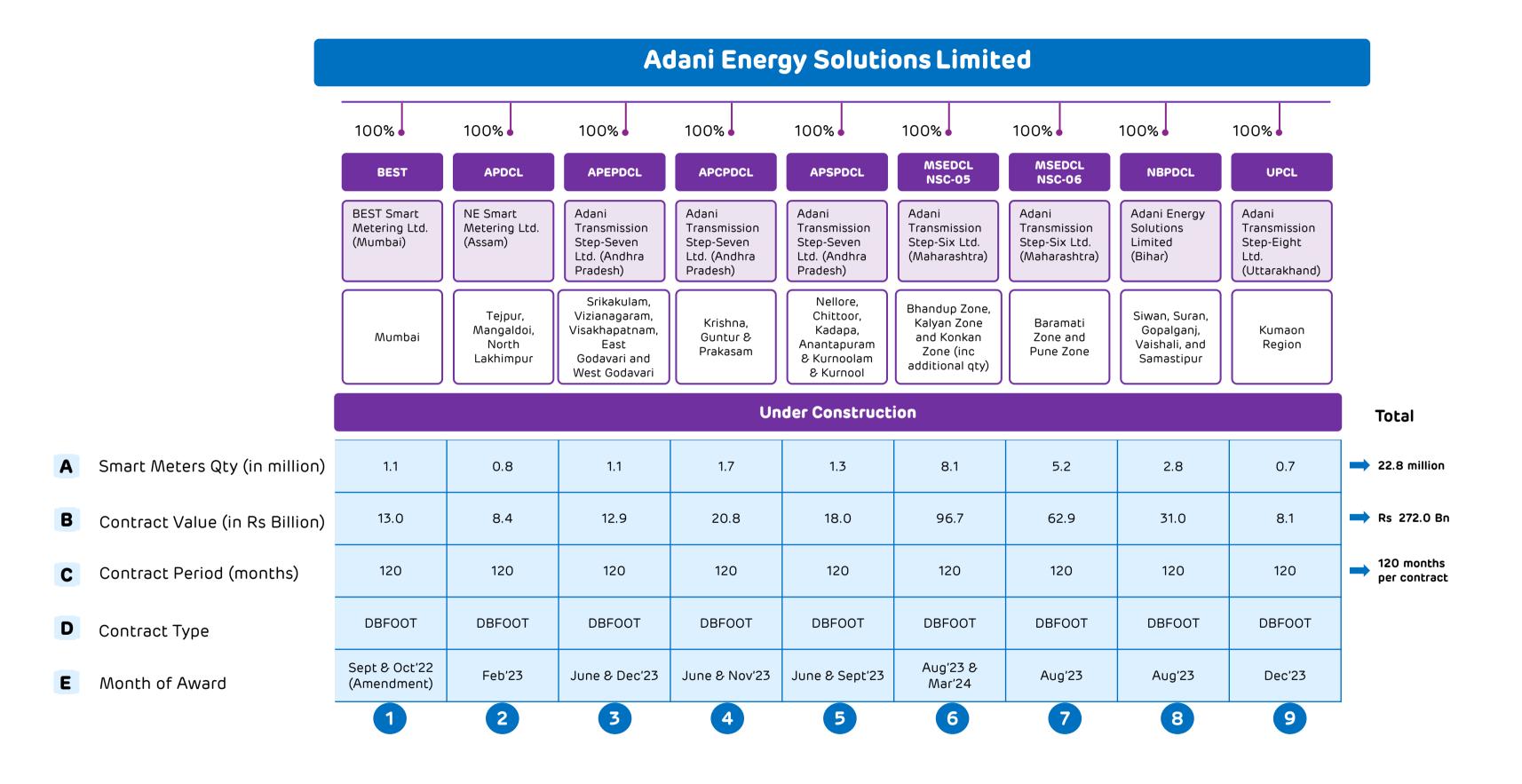
AESL's Transmission Under-construction Asset Portfolio as of March 2025





AESL's Smart Metering Under-construction Portfolio as of March 2025





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Investor Relations:

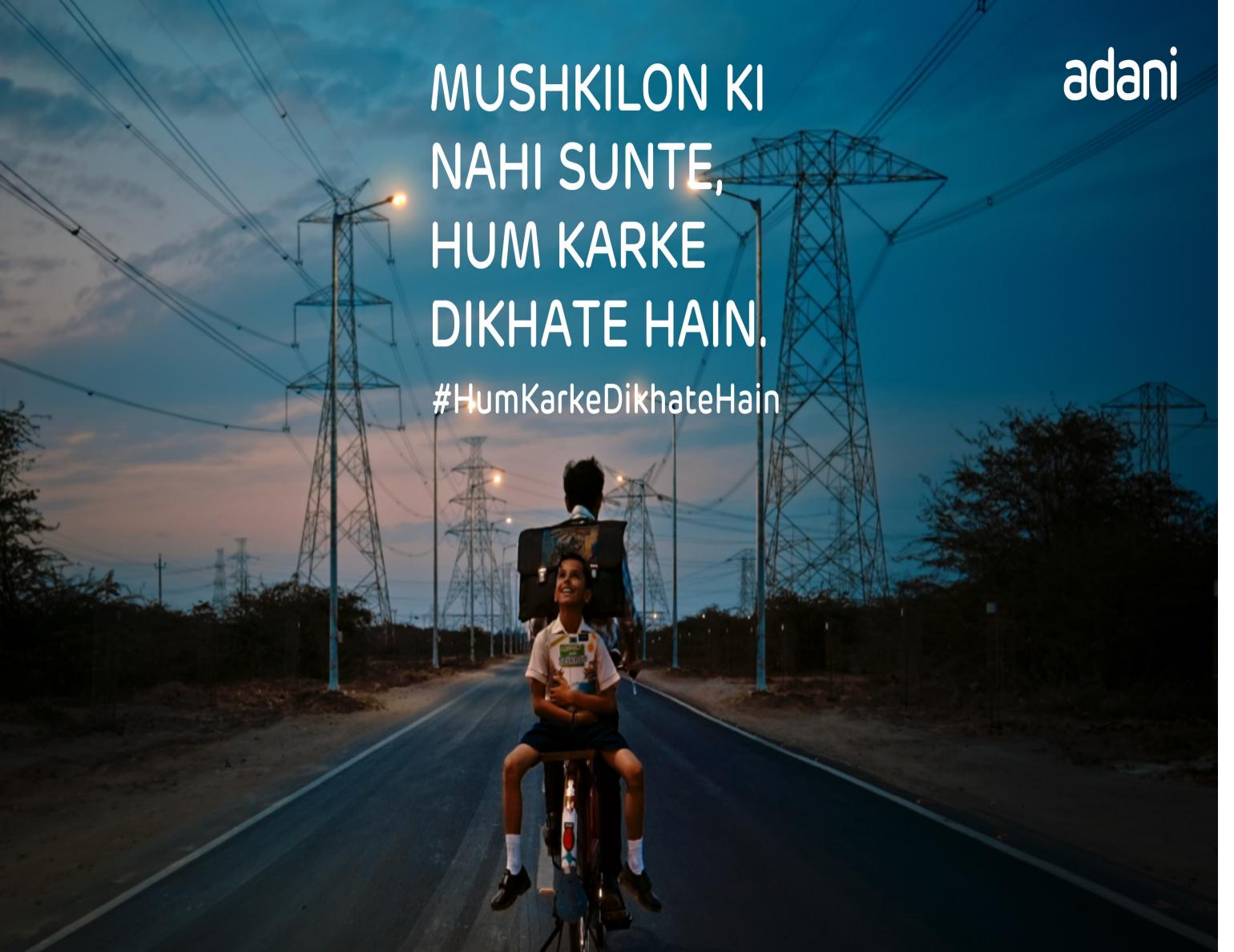
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Thank You