



Adani Energy Solutions Limited

(Formerly known as Adani Transmission Limited)

Provisional Operational Update Q1FY25

July 2024

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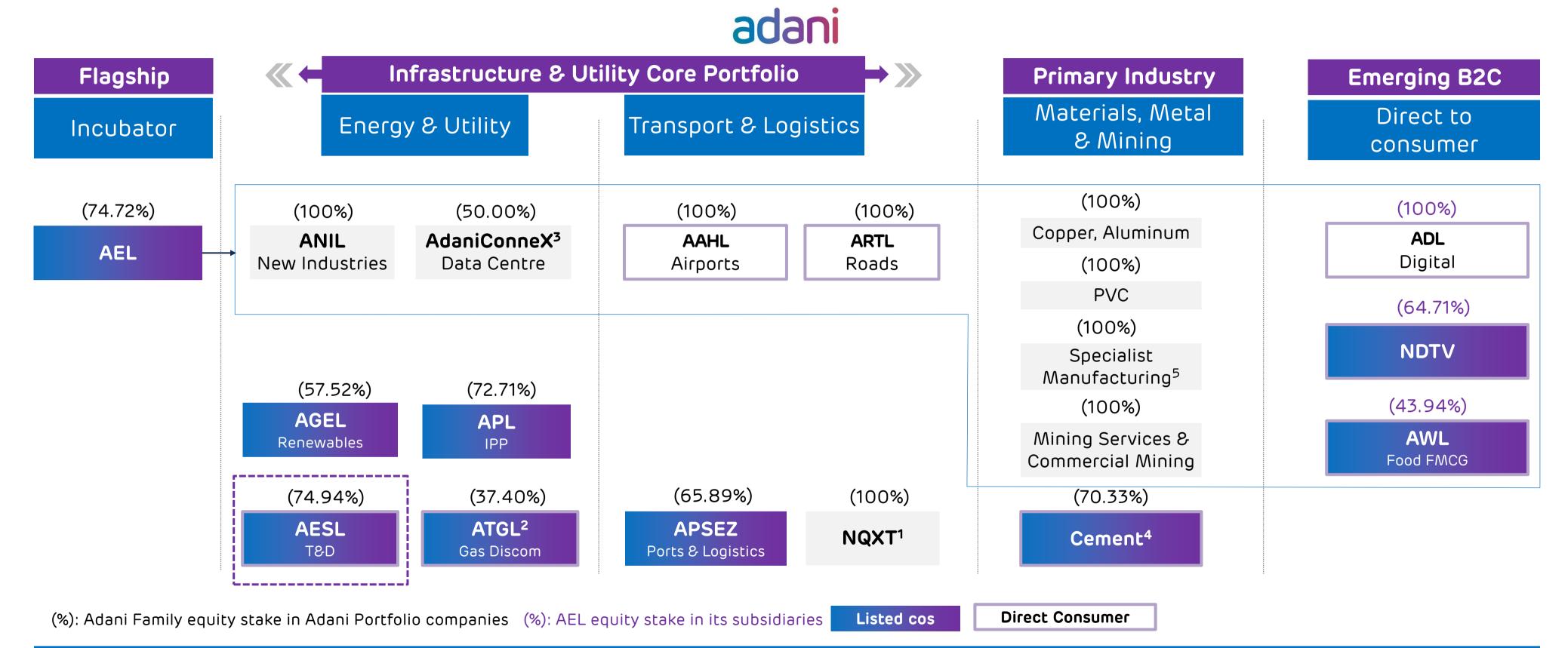




Adani Portfolio

Adani: A World Class Infrastructure & Utility Portfolio





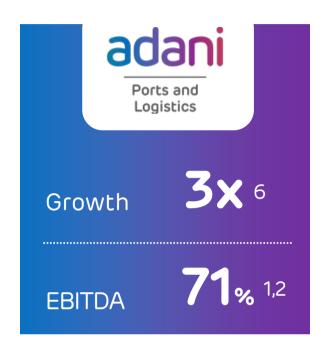
A multi-decade story of high growth centered around infrastructure & utility core

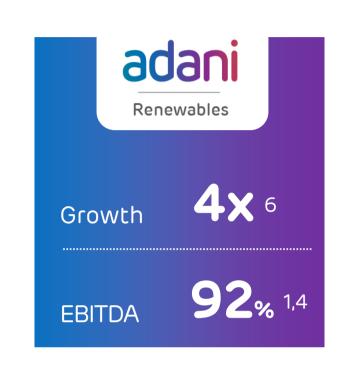
1. NQXT: North Queensland Export Terminal | 2. ATGL: Adani Total Gas Ltd, JV with Total Energies | 3. Data center, JV with EdgeConnex, | 4. Adani Cement includes 70.33% stake in Ambuja Cements as on 30th June, 2024 which in turn owns 50.05% in ACC Limited. Adani directly owns 6.64% stake in ACC Limited. 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 Wilmar Limited; ADL: Adani Power 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 30th June, 2024.

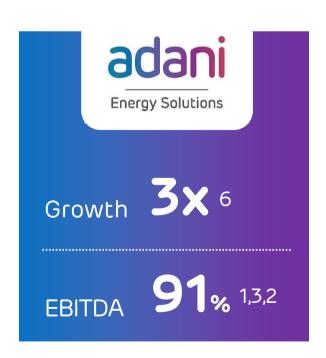
Adani Portfolio: Decades long track record of industry best growth with national footprint

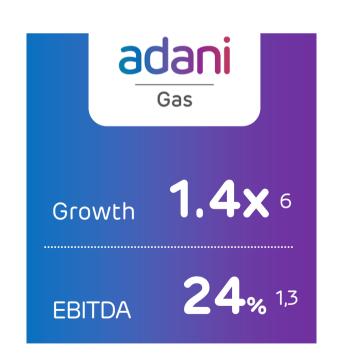


Secular growth with world leading efficiency









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

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. 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 Total Gas Limited I AEL: Adami Enterprises Limited I APSEZ: 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 cargo volume): https://shipmin.gov.in/division/transport-research I Renewable (operational capacity): Industry Source: APSEZ (ckms): National Power Portal (npp.gov.in) I ATGL (GAs): Brochure petroleum.cdr (pngrb.gov.in) | ckms: circuit kilometers | GA: Geographical Areas

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)



Line

Longest Private HVDC (Mundra - Mohindergarh)

Investment Case Development



World's largest Renewable Cluster (at Khavda)

Framework

Growth Capital - Platform Infrastructure Financing



Adani's Core Infra. Platform -350 Mn Userbase

MANAGEMENT

ACTIVITY

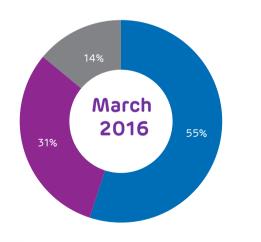
ERFORMANCE

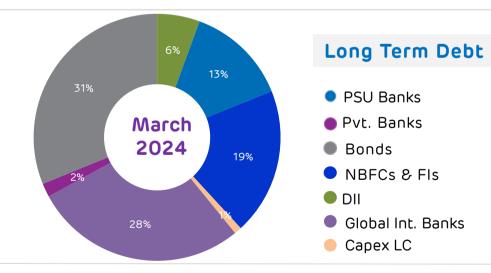
Strategic value Mapping

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



Development



Execution Prowess

Transmission Network of **21,187 ckm**⁽¹⁾

Built Longest Private HVDC Line (2)

Strategic Presence

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

Operations



Operating Efficiency

Robust network availability of 99.7%

One of **lowest Distribution losses** in the country **(5.18% in Q1 FY25 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 (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

Returns and Equity 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\$ 1,136 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** (eg: HVDC Mumbai, Khavda)

Green industrial cluster in Mundra

Note: 1) Transmission network is as of 30th 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





Q1FY25 - Executive Summary

AESL: Executive Summary – Performance in Q1 FY25



Robust system availability of 99.7% in Q1FY25 **Transmission** • Added 190 ckm to the operational network during the quarter with a total network at **Business** 21.187 ckm **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 Distribution increased by 8% to 2,962 million units from 2,754 million units in Q1FY24 Business (AEML and MUL) • As a % of total collection, e-payment stands at 83.30% vs. 78.48% last year. The growth is driven by higher digital adoption and customer centric approach MUL: • The units sold in MUL increased by 70% YoY to 226 million units as against 133 million units last year with robust industrial demand As of Q1FY25, the total smart metering under-construction pipeline stands at 22.8 million **Smart Metering** smart meters across nine contracts Business • The meter deployment activity is pacing up well

Other Key Recent 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
- 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
- Completed acquisition of Mahan Sipat transmission assets, adding 673 ckm to AESL's total operational network
- 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
- Received 11th Innovation with Impact Awards for DISCOMs in multiple categories:
 - Green Energy (ranked 2nd)
 - Efficient Operations (ranked 3rd)
 - Performance Improvement (ranked 3rd)
- To mark the 'National Electricity Safety Week', hosted the Annual Safety Performance Award Program celebrating outstanding safety standards

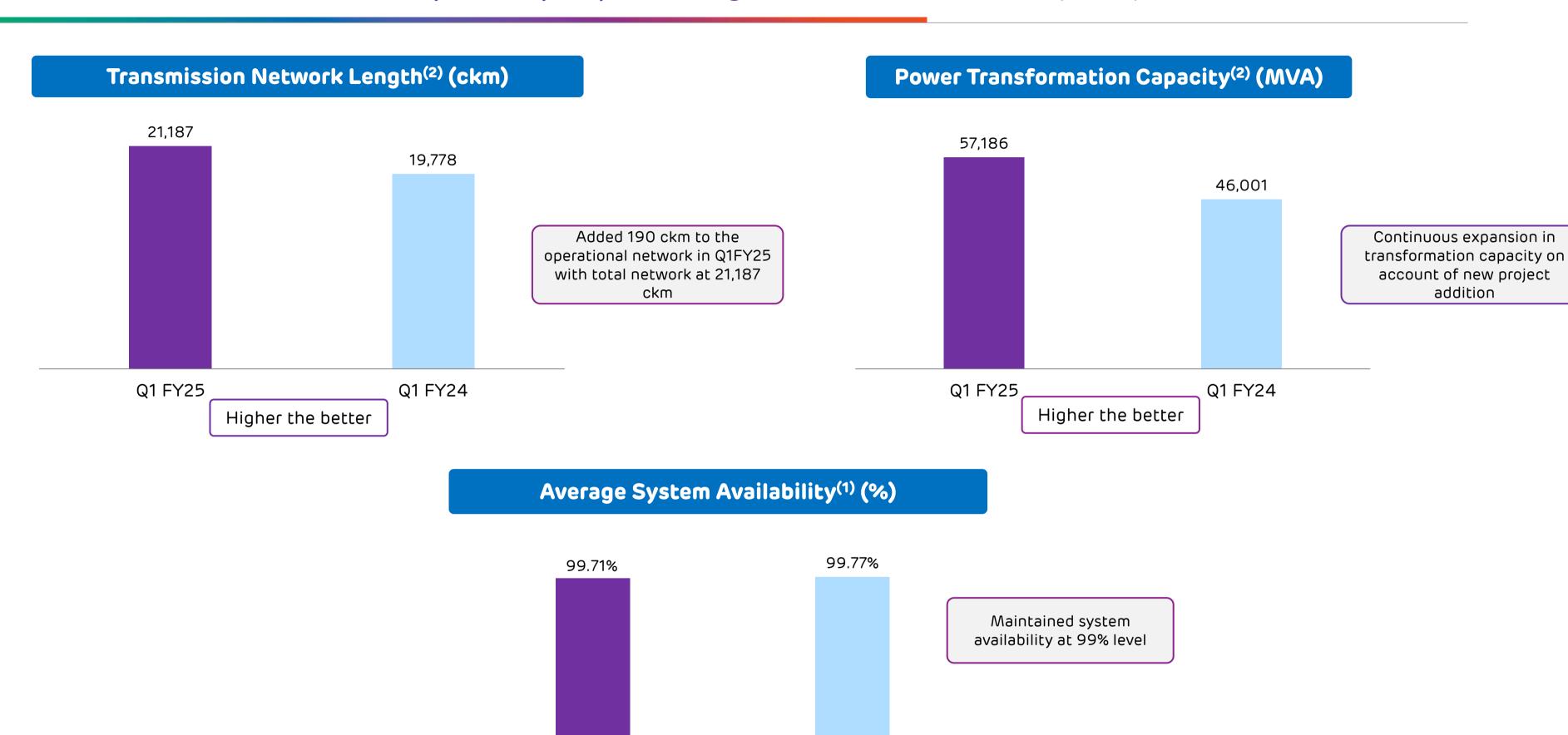




Q1FY25 Operational Performance (YoY)

AESL: Transmission Utility - Key Operating Metrics Q1FY25 (YoY)





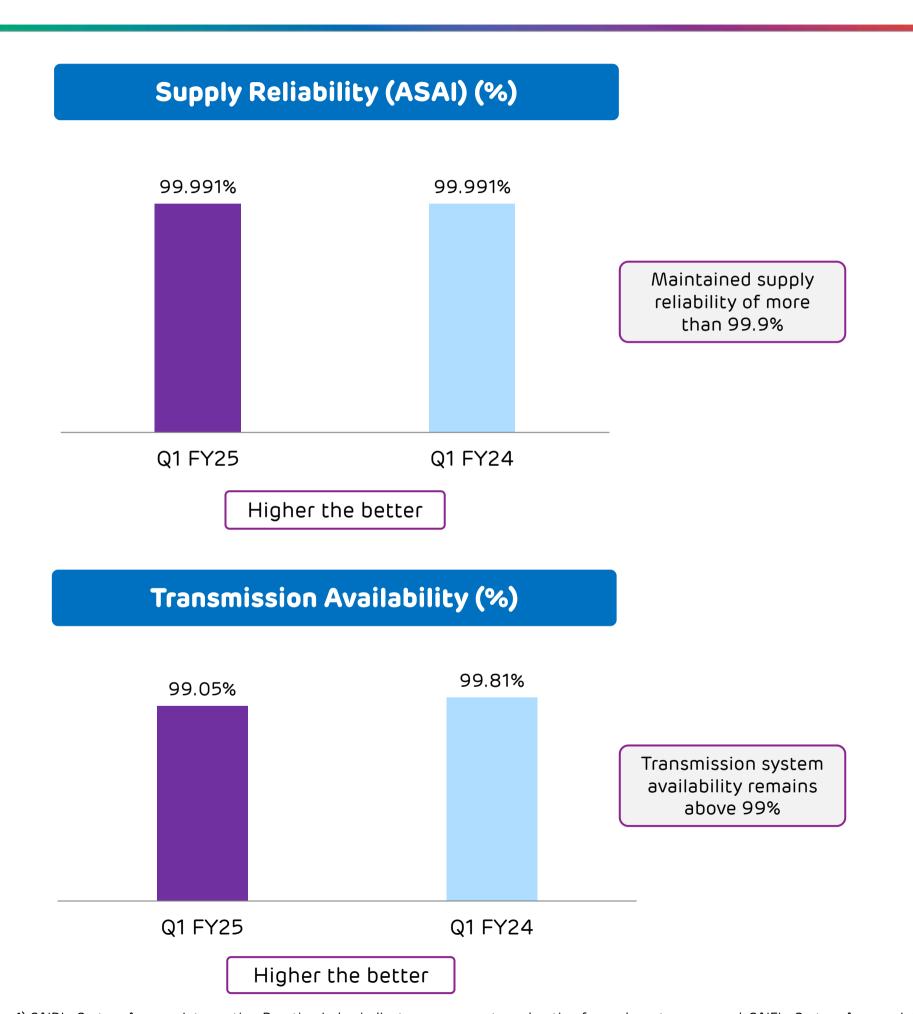
Q1 FY24

Q1 FY25

Higher the better

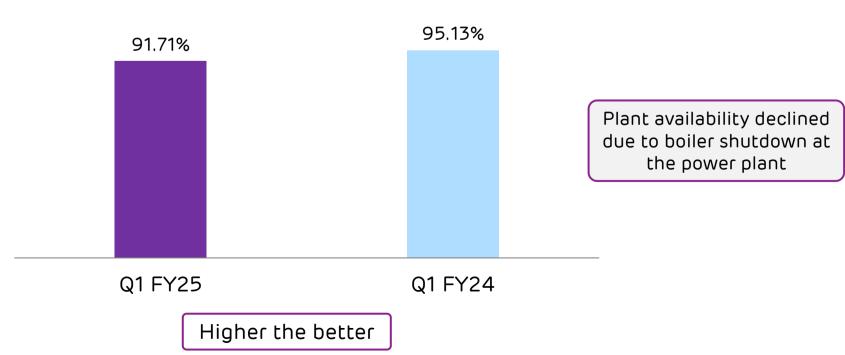
AEML: Distribution Utility – Key Operating Metrics Q1FY25 (YoY)





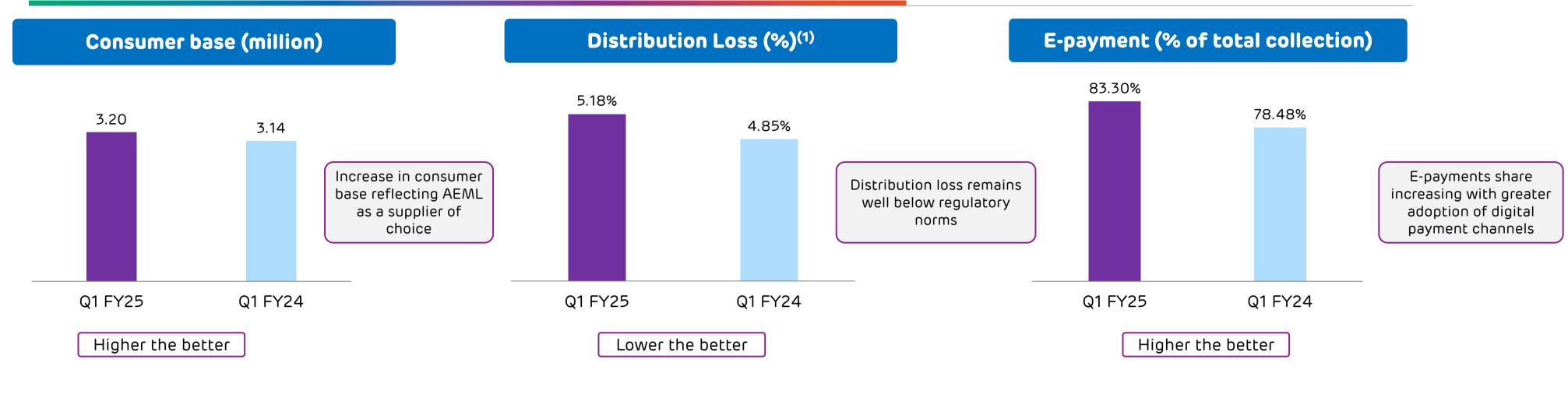
SAIDI (mins), SAIFI (nos.) and CAIDI (mins)⁽¹⁾ SAIFI SAIDI CAIDI 35.03 35.73 Reliability parameters improving consistently 11.85 Q1 FY25 Q1 FY24 Lower the better

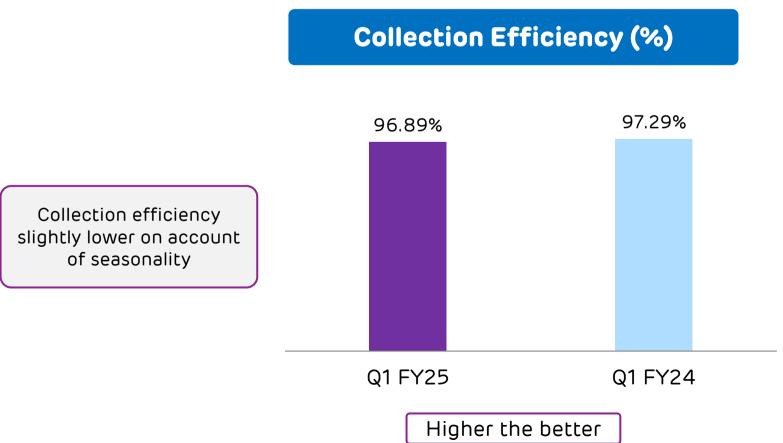
Plant Availability Factor - ADTPS (%)

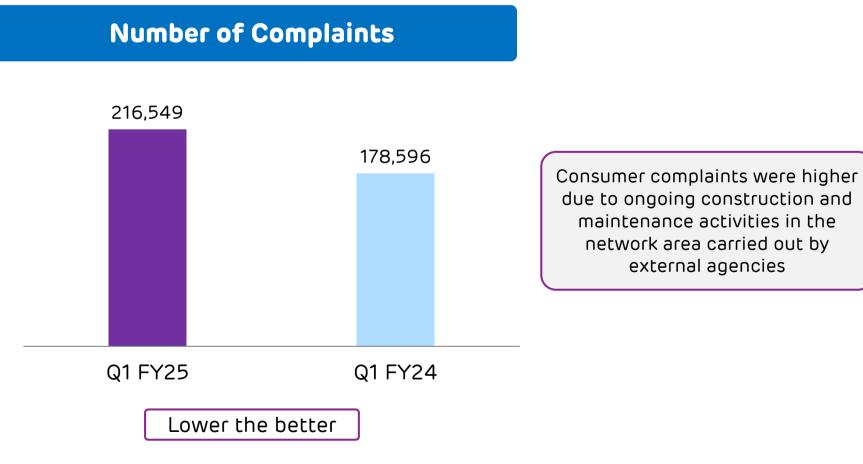


AEML: Distribution Utility – Key Operating Metrics Q1FY25 (YoY)





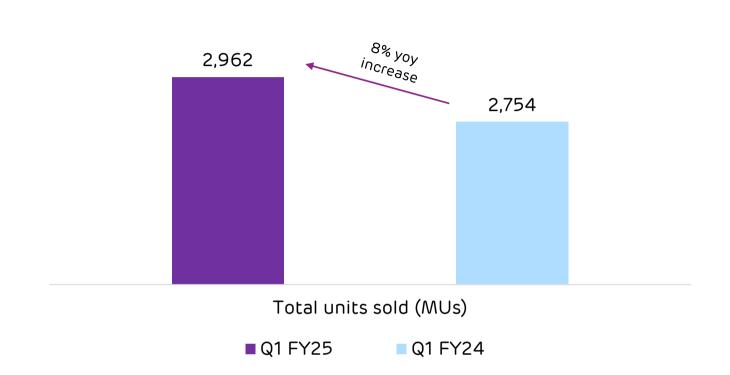




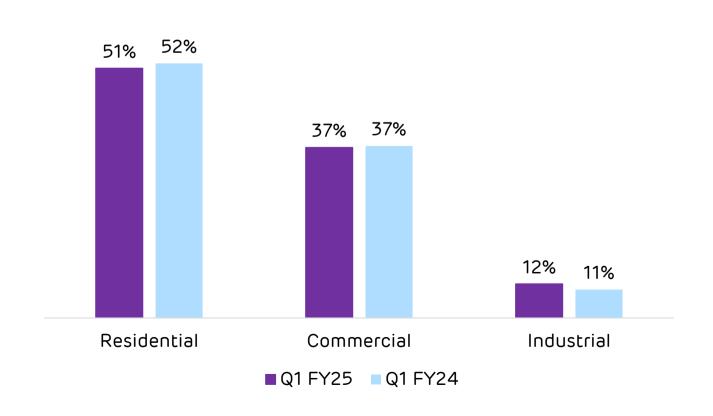
AEML and MUL: Volume and Consumer Mix Q1FY25 (YoY)



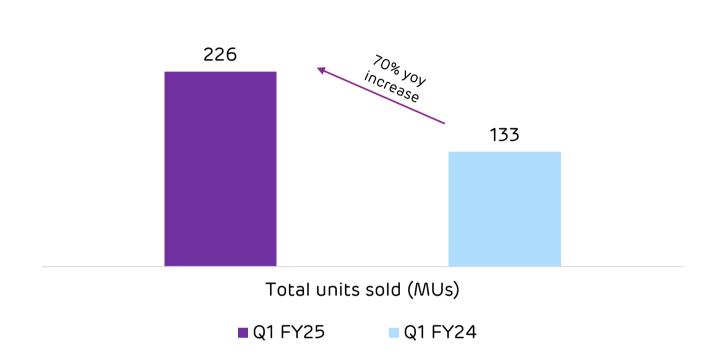




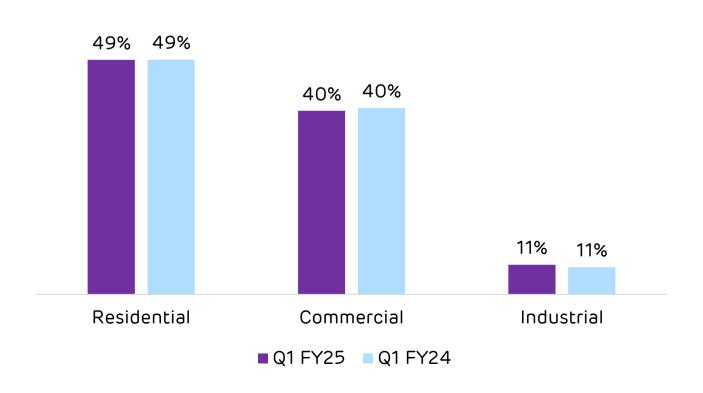
AEML - Consumer-wise volume mix %



MUL - Total Units Sold (MUs)



AEML - Consumer-wise revenue mix %







Annexure

AESL: Recent Business Updates and Initiatives



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

Completed acquisition of Mahan - Sipat transmission assets during the quarter, adding 673 ckm to AESL's total operational network

Launched quarterly newsletter 'City Currents' to keep our large consumer base updated about innovations and the solutions we are bringing to impact people's lifestyles

Received 11th Innovation with Impact Awards for DISCOMs in multiple categories:

- Green Energy (ranked 2nd)
- Efficient Operations (ranked 3rd)
- Performance Improvement (ranked 3rd)

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

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

Safety First - National Electricity Safety Week

- Organized a safety awareness session on preventing and tackling electrical hazards wherein 1000+ students participated
- Hosted AESL recently hosted the Annual Safety Performance Award Program celebrating outstanding safety standards

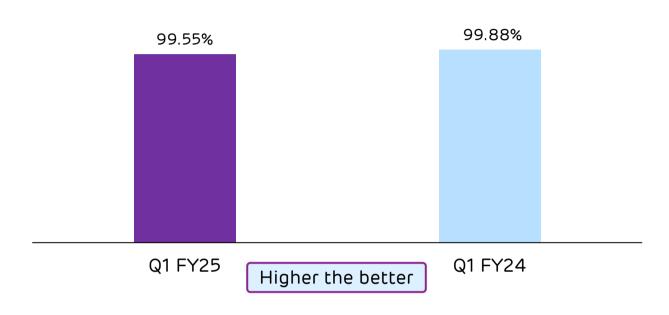
ESG score from Sustainalytics improves to 25.3 from 32.8, placing the company amongst the top 30 global utilities

AESL: Q1FY25 (YoY) - Line availability across asset groups



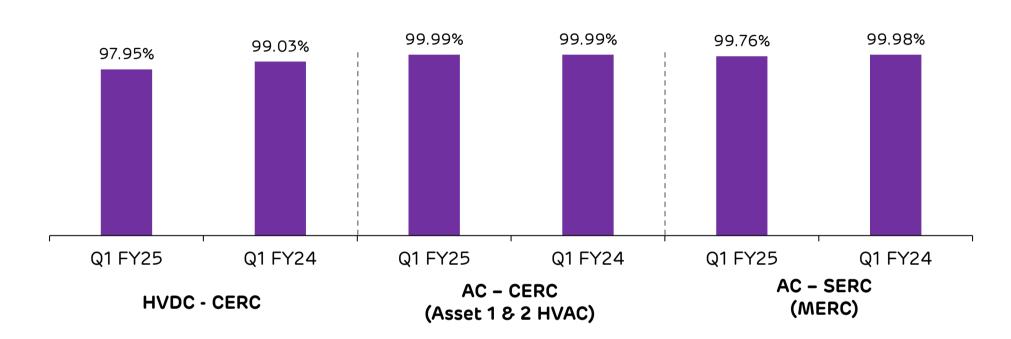
Average Availability Across Operational Assets %(1)

Line Availability - ATSOL Obligor Assets

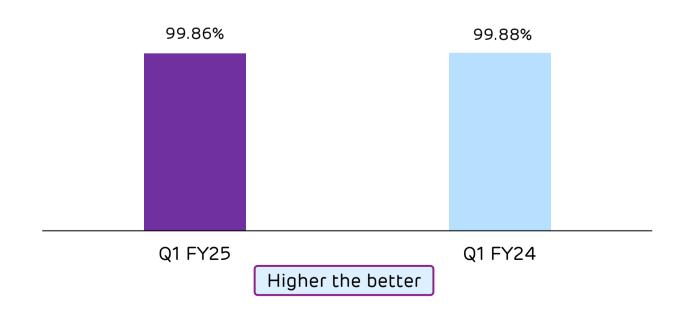


Focus on Maximizing Average Availability %

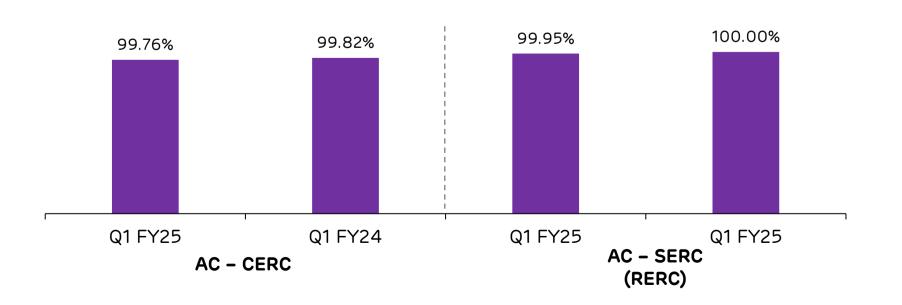
Average Availability - ATSOL Obligor Assets



Line Availability - USPP Assets

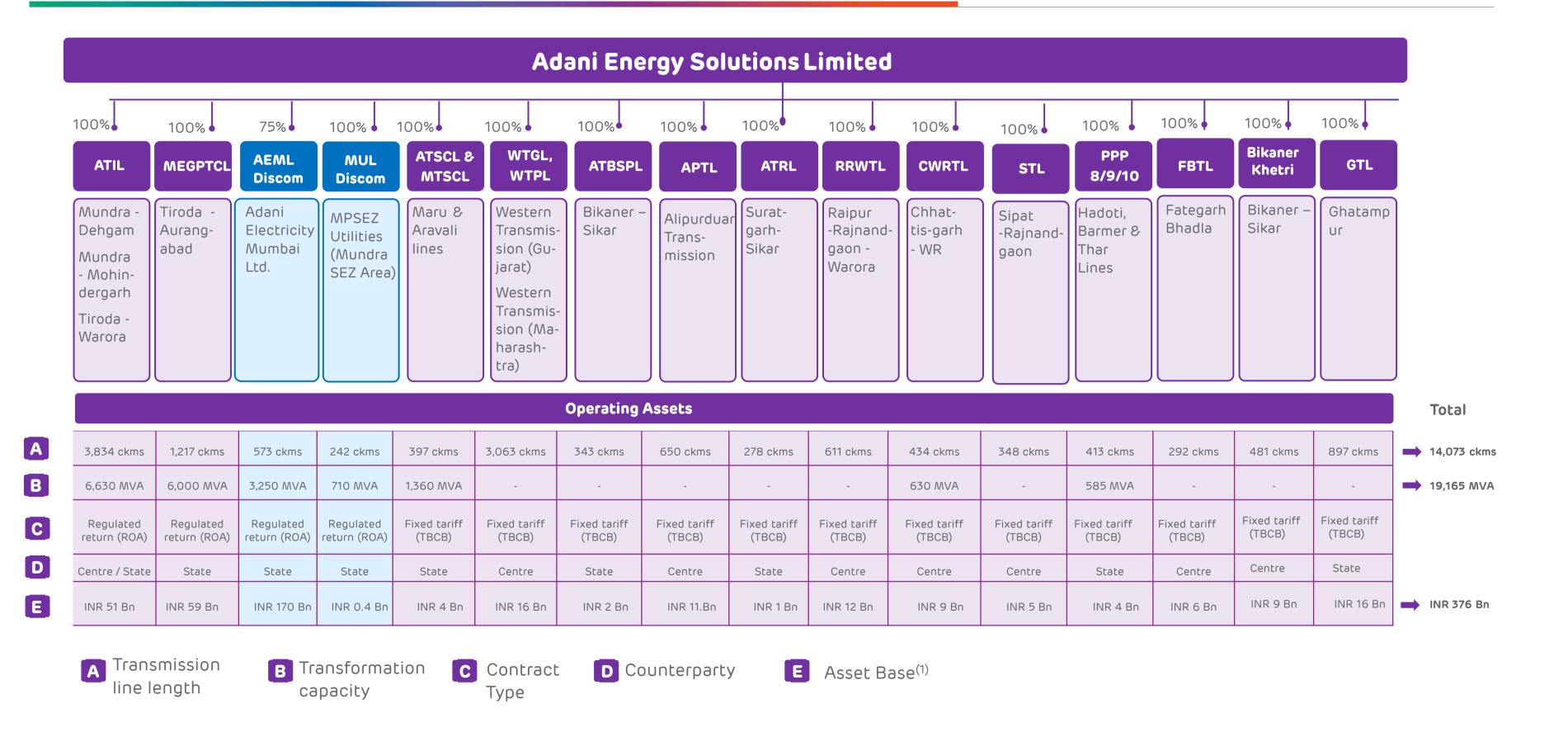


Average Availability - USPP Assets



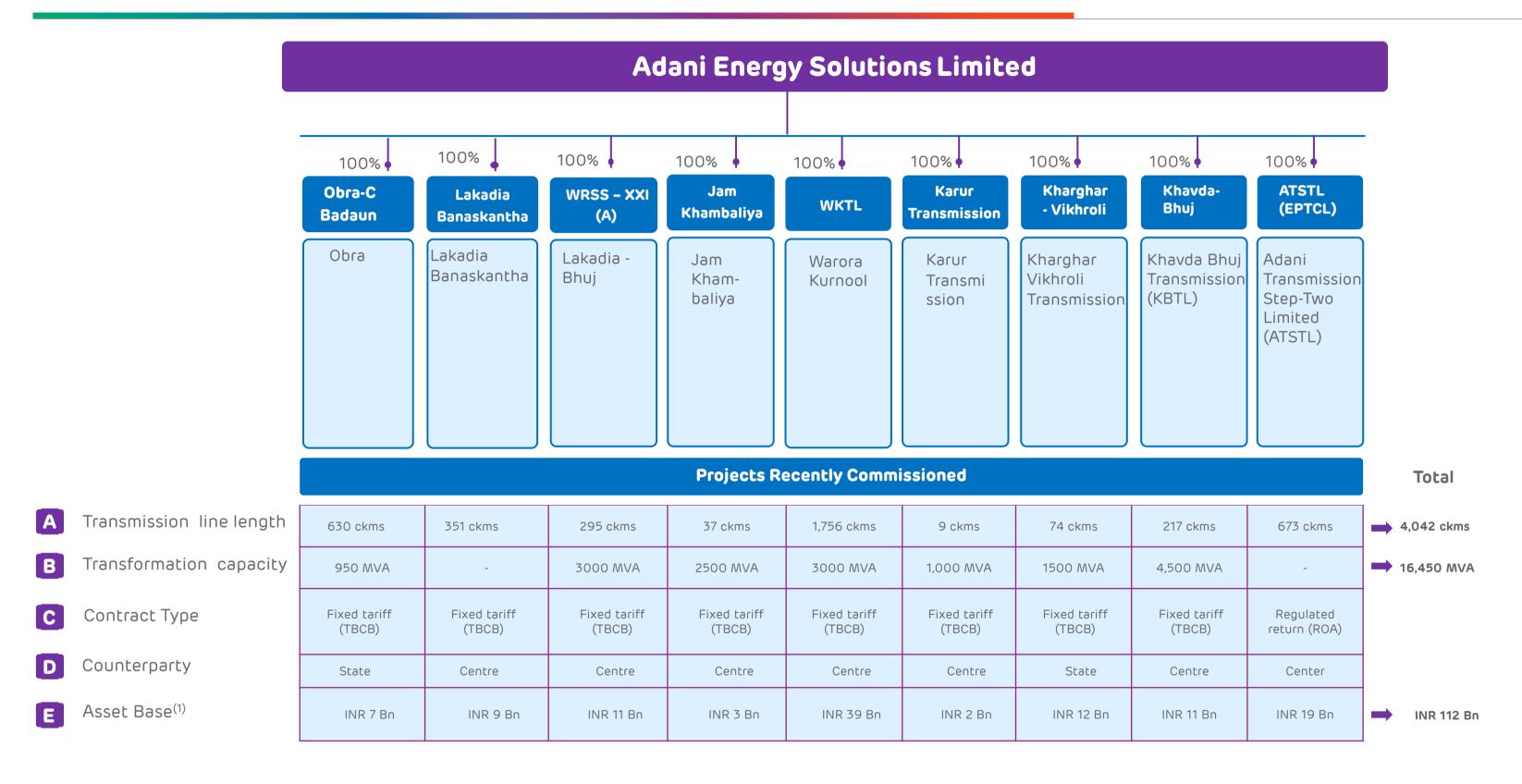
AESL's Operational Asset Portfolio as of June 2024 (1/2)





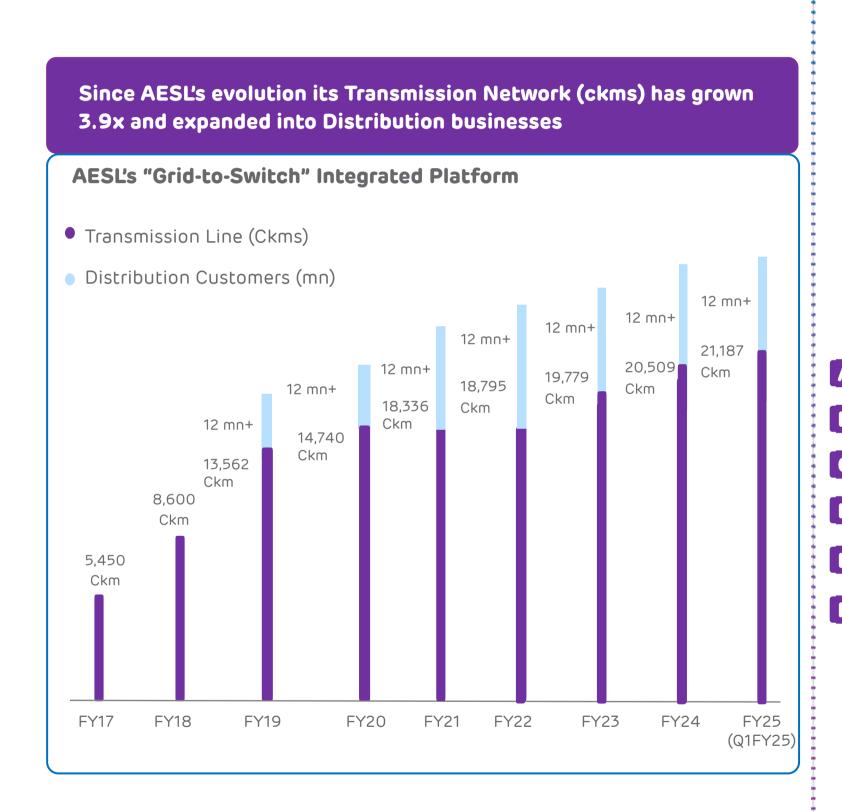
AESL's Operational Asset Portfolio as of June 2024 (2/2)

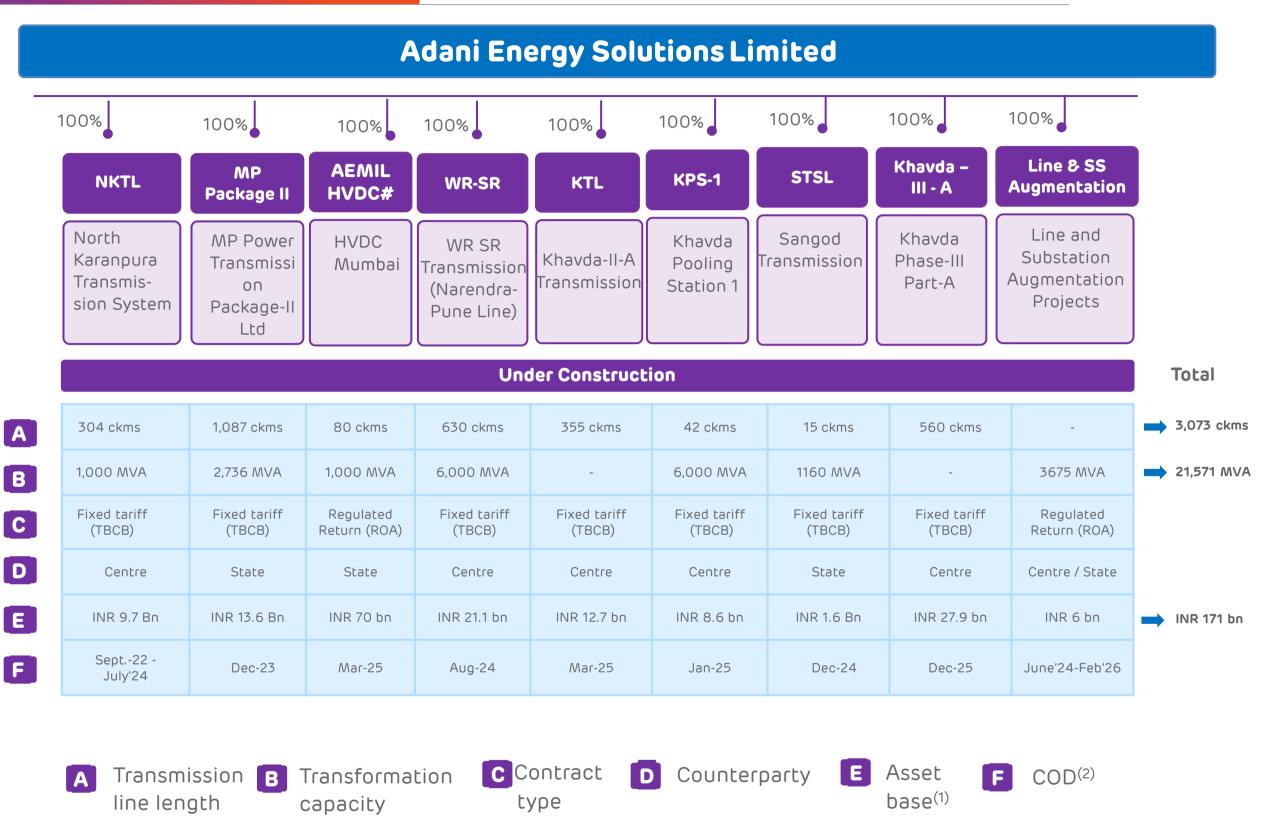




AESL's Transmission Under-construction Asset Portfolio as of June 2024

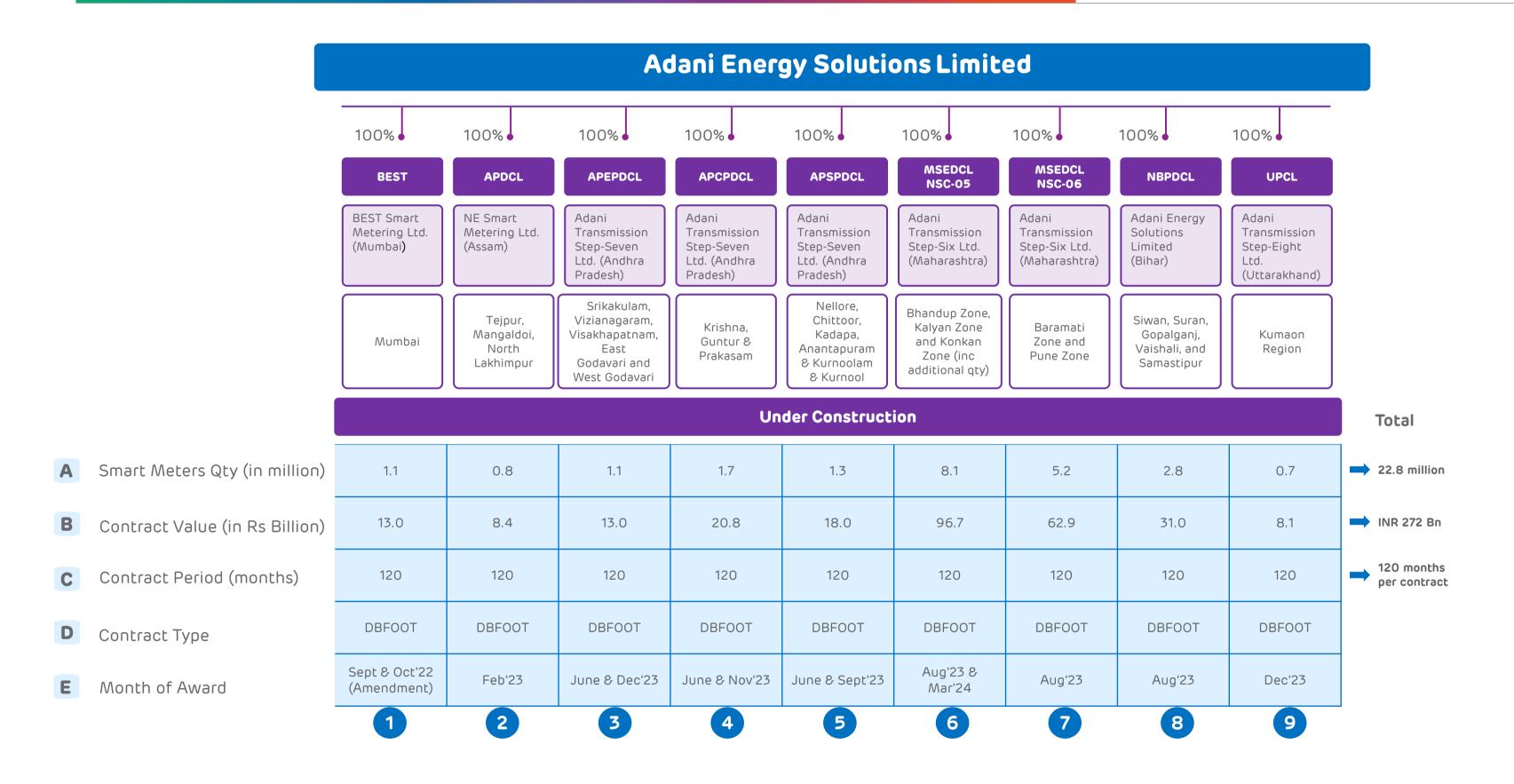






AESL's Smart Metering Under-construction Portfolio as of June 2024





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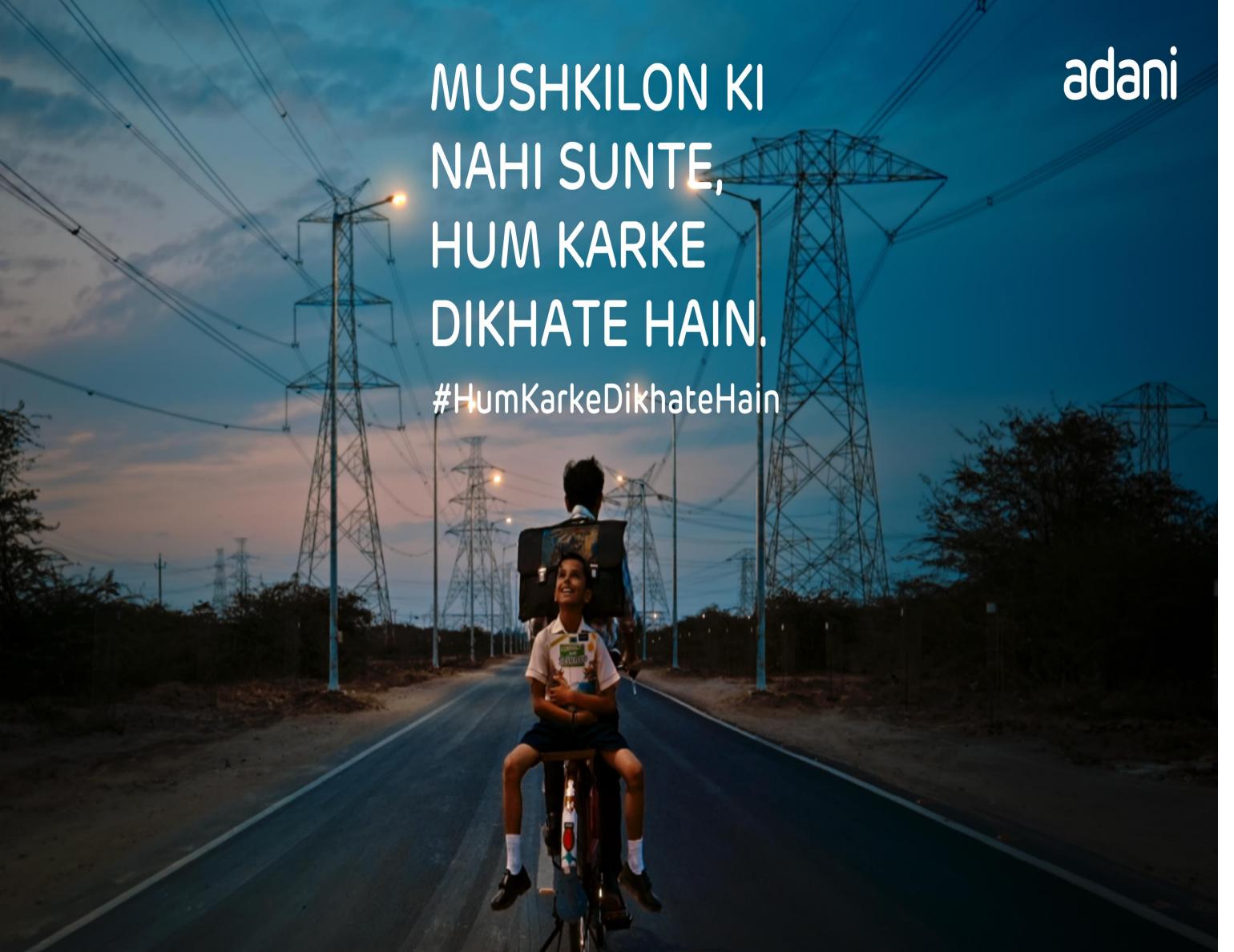
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