



Adani Energy Solutions Limited

(Formerly known as Adani Transmission Limited)

Provisional Operational Update Q2FY24

October 2023

CONTENTS



04-07	Adani Portfolio			
09	Q2FY24 - Executive Summary	09		
11-14	Q2FY24 (YoY) Performance	11		
16	Recent Awards and Recognition	16		
18	Availability Across Assets Groups – Obligor and USPP	18		
20-21	Global Peer Benchmarking	20		
23-26	AESL's operational and under- construction asset portfolio	23		



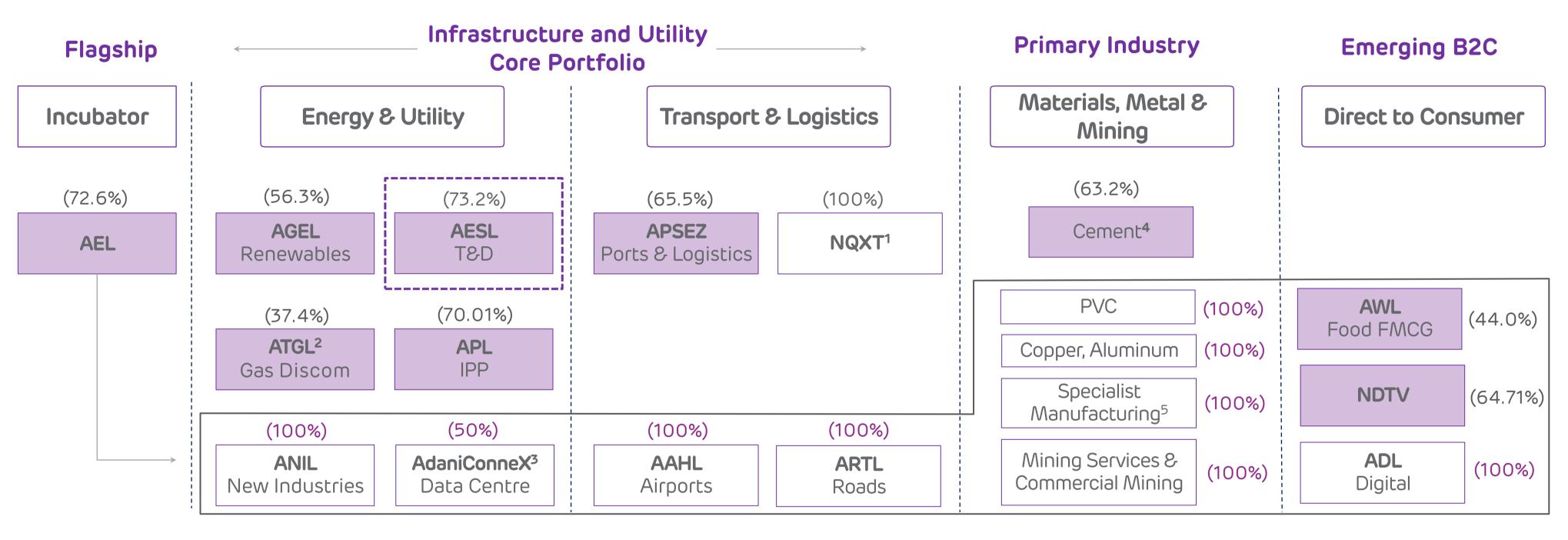


Adani Portfolio

Adani: A World Class Infrastructure & Utility Portfolio



adani



(%): Promoter equity stake in Adani Portfolio companies

(%): AEL equity stake in its subsidiaries

- Represents public traded listed verticals

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

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



Secular growth with world leading efficiency



Ports and Logistics

Growth 3x

EBITDA 70% 1,2



Renewables

Growth 4x

EBITDA 92% 1,4



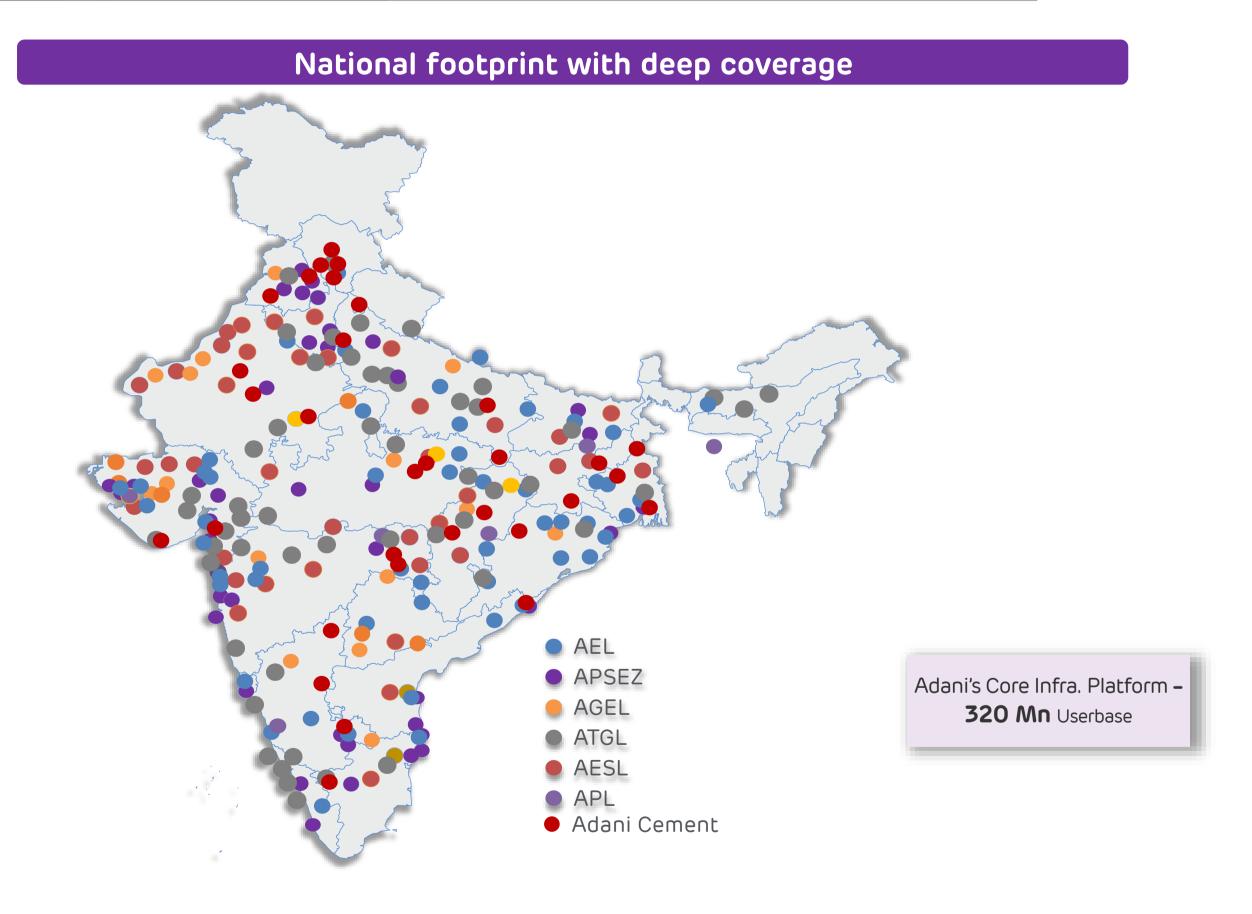
Growth 3x

EBITDA 91% 1,3,5



Growth 1.4x

EBITDA 19% 1,3



Adani: Repeatable, robust & proven transformative model of investment



Phase		Development			Operations		Post Op	erations
Centre of Excellence		Project Management & Assurance Group			AIMSL*		Policy - Strategy - Risk	
	Origination	Site Development	Construction		Operation		Capita	l Mgmt
Activity	 Analysis & market intelligence Viability analysis Strategic value 	 Site acquisition Concessions and regulatory agreements Investment case development 	 Engineering & design Sourcing & quality levels Equity & debt funding at project 	•	Life cycle O&M planning Asset Management plan	•	Redesigning the capital structure of the asset Operational phase 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)	•		Matching cy Risk Manageme Risk management
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	•		Business Exceller
						31	14% % 55% March 2016	34% 2% March 20
							J ■ Pvt. Banks ■ E	Bonds ■ DII U – Capex LC ■ NFCs

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



Development



Execution Prowess

Transmission Network of 19,862 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 4 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 (78 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

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\$ 1,130 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 15th October 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. 5,637 Cr (US\$ 677 million) for 6.76% stake based on closing price of Rs 810 dated September 29, 2023





Q2FY24 - Executive Summary

AESL: Executive Summary – Performance in Q2FY24



Transmission and Smart Metering Business:

- Maintained system availability upwards of 99.74%
- Added 219 ckms to operational network during the quarter with total network at 19,862 ckms
- During the quarter, operationalised Karur and WKTL lines and charged
 Kharhar Vikhroli line
- Received LOI for Sangod Transmission line
- Received LOA for three smart metering projects in Maharashtra and Bihar totaling 14.43 million smart meters with a contract value of Rs. 170 billion during the quarter

Distribution Utility (AEML):

- Distribution loss improving consistently and stands at 5.81% in Q2FY24 vs.
 6.0% in Q2FY23.
- Maintained supply reliability (ASAI) of more than 99.9%
- 9.53% YoY growth units sold 2,446 million units vs. 2,233 million units last year on account of uptick in energy demand
- E-payment as a % of total collection at 79.19% in Q2FY24 vs. 74.86% last year driven by digital adoption push
- The share of Renewable power supplied to Mumbai circle increased to 38% at the end of September 30, 2023, as committed under the July 2021 SLB issuance

Other Key Updates:

- AEML secured Rank 1 out of 71 discoms evaluated and scored 99.6% out of 100 in the Integrated Discom Ranking released by the MoP, PFC and McKinsey
- Adani Energy Solutions has won the prestigious Golden
 Peacock Award in Environment Management (GPEMA).
 This award underscores company's commitment to sustainable practices.
- AESL is in the Top 50 of India's Most Sustainable
 Companies in the annual ranking of BW Business World.
 AESL was featured in the top 3 most sustainable
 companies.
- AESL won five 'Par-Excellence Award' at 9th National Conclave on 5S, organized by the prestigious Quality Circle Forum of India HQ (QCFI) demonstrating its unparallel commitment to business excellence.
- AESL gets recognition for contributing to SEBI ICAI BRSR back testing exercise.
- AESL's 37 operational sites are now certified as 'Single-use
 Plastic Free' strengthening our commitment to SDG 12
- Achieved **Net Water Positive** status for 37 operational sites this year, contributing to SDG 6
- AESL attained a Zero Waste to Landfill (ZWL) certificate for all O&M sites from Intertek

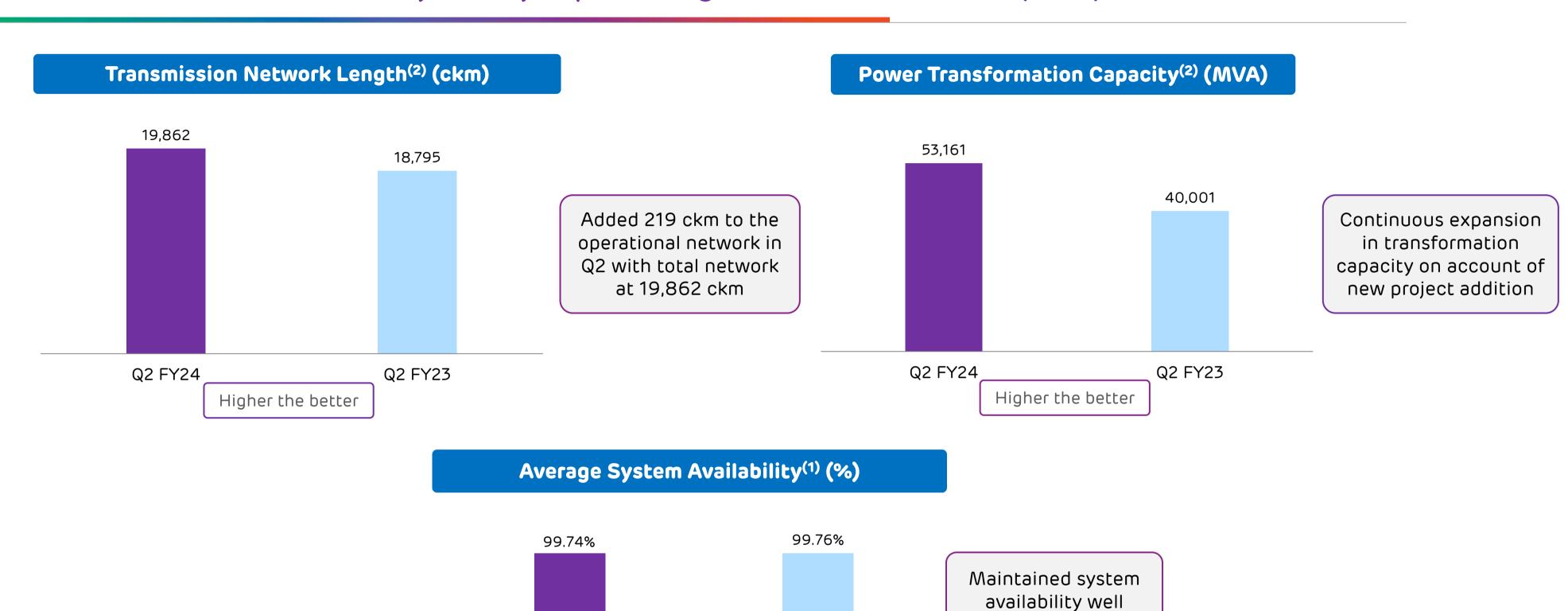




Q2FY24 Operational Performance (YoY)

AESL: Transmission Utility - Key Operating Metrics Q2FY24 (YoY)





Q2 FY23

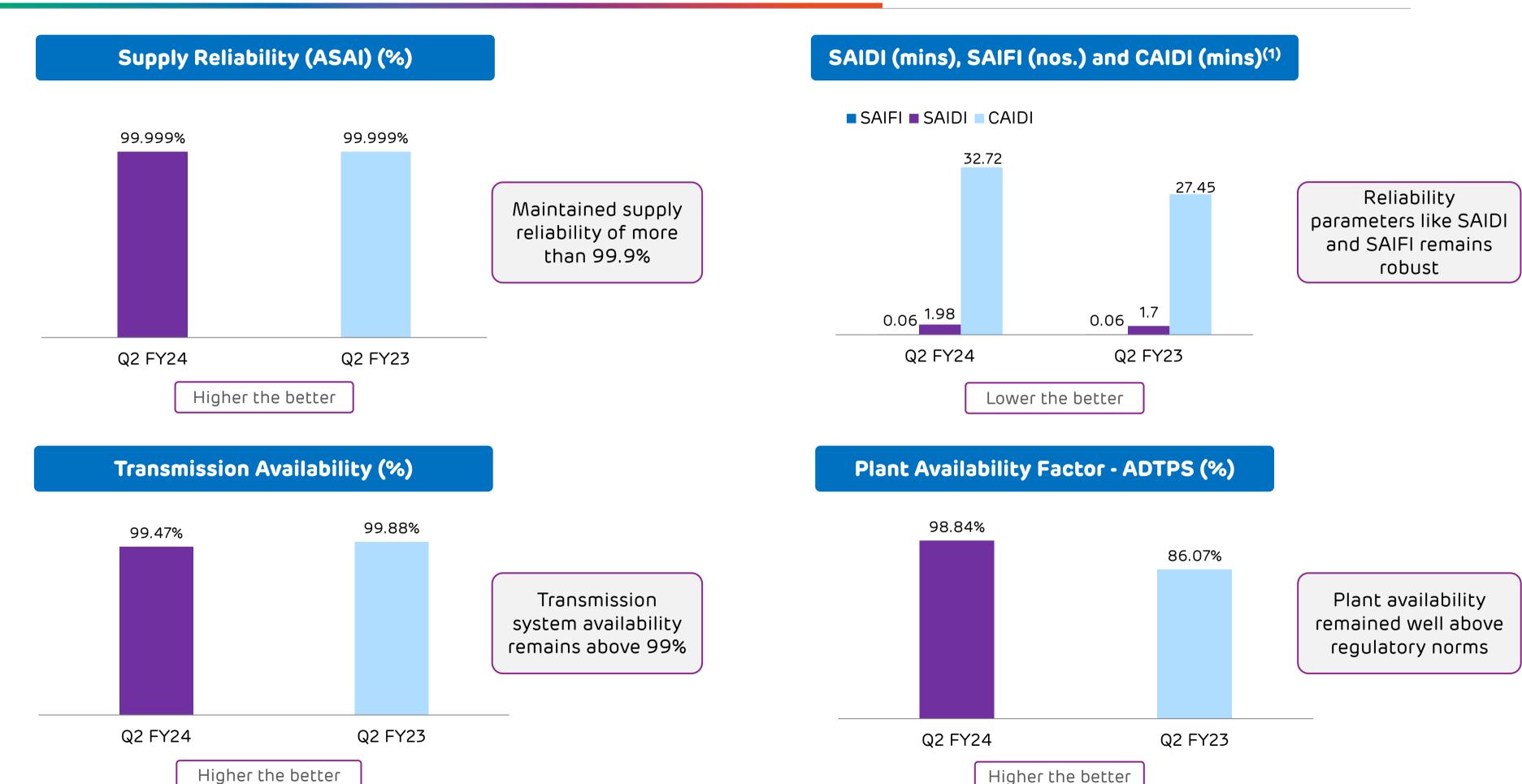
above 99.7% level

Q2 FY24

Higher the better

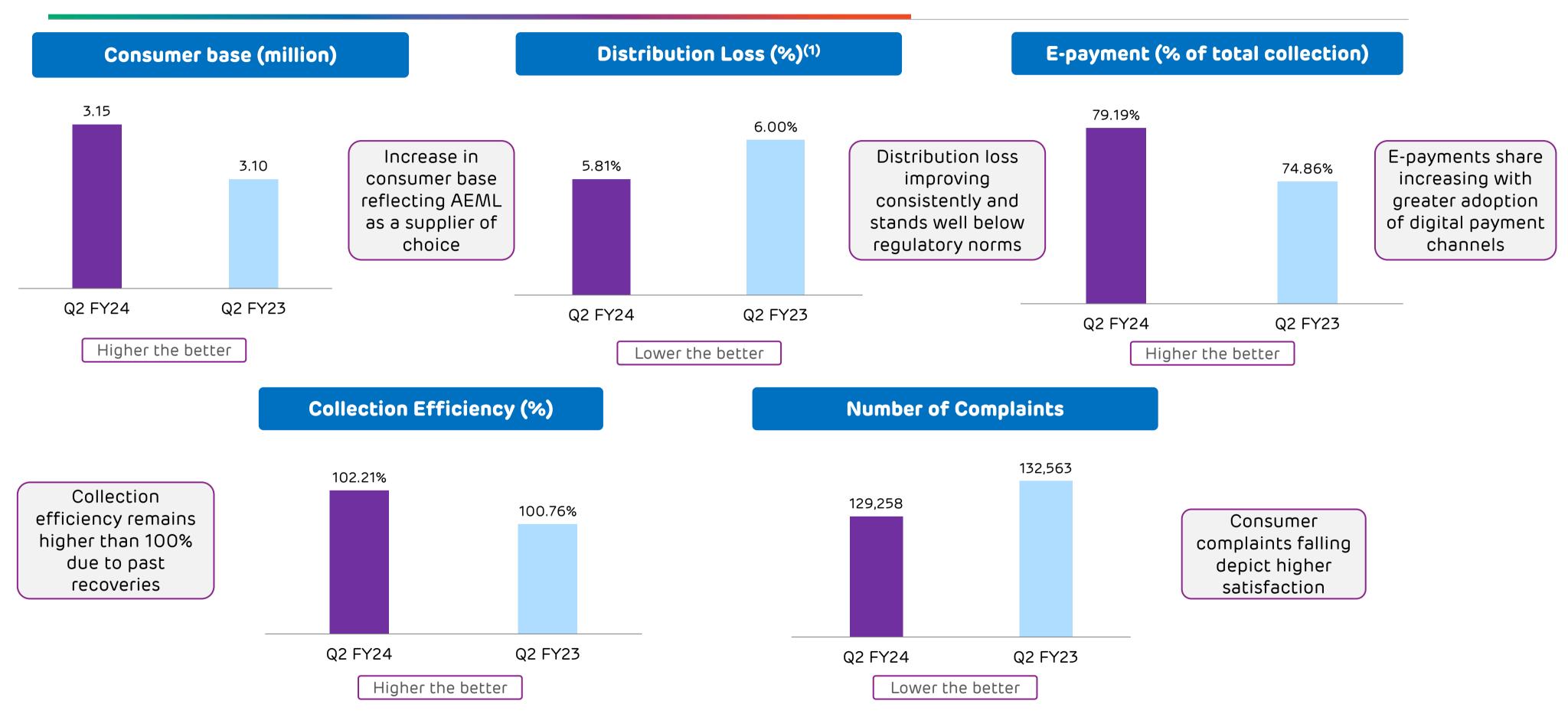
AESL: Distribution Utility (AEML) - Key Operating Metrics Q2FY24 (YoY)





AESL: Distribution Utility (AEML) - Key Operating Metrics Q2FY24 (YoY)



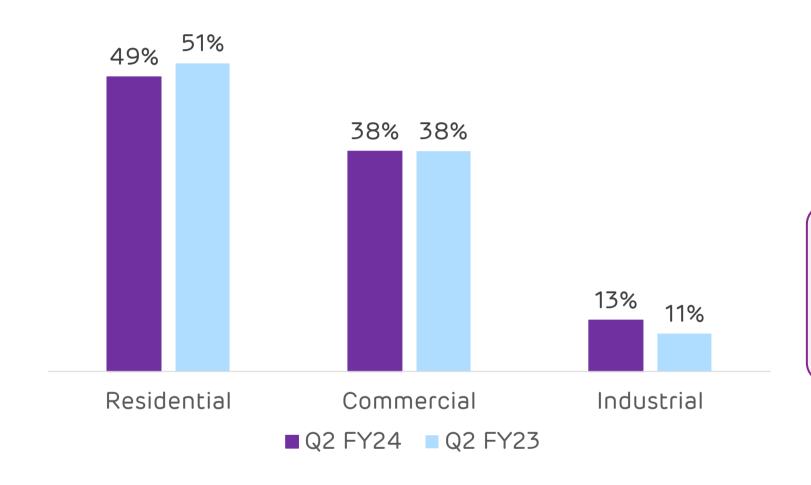


The Customer Satisfaction (CSAT) Score (top 3%)(2) at AEML has improved from 78 in FY22 to 84 in FY23 and Customer Delight Score (top 2%)(2) has moved to 60 in FY23 from 53 in FY22

AESL: Distribution Utility (AEML) - Consumer Mix Q2FY24 (YoY)

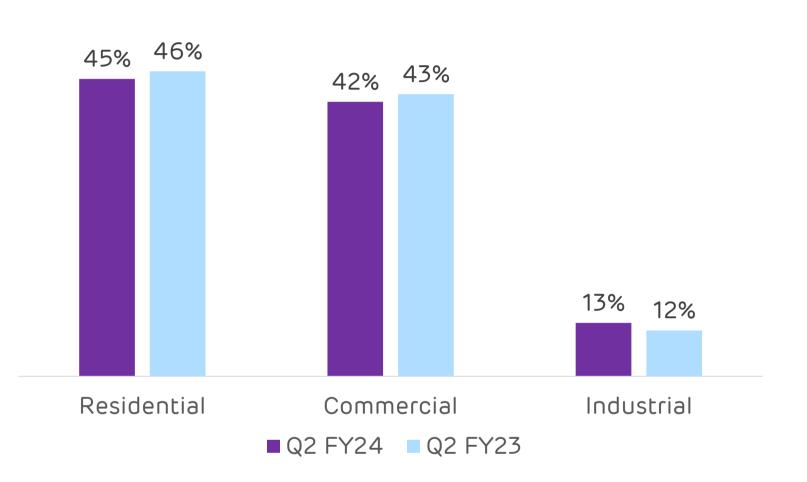


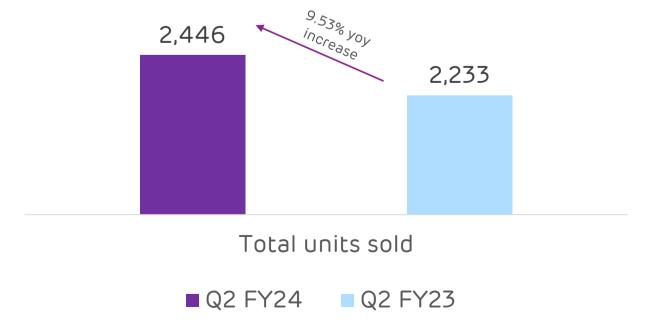
Consumer-wise volume mix



Consumer mix shifting back to higher industrial and commercial segment demand with a normalization in residential demand

Consumer-wise revenue mix









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 secured Rank 1 out of 71 discoms evaluated and scored 99.6% out of 100 in the Integrated Discom Ranking released by the Ministry of Power. The evaluation is based on financial sustainability, performance excellence, and external environment

AESL is in the Top 50 of India's Most Sustainable Companies in the annual ranking of BW Business World. **AESL** was featured in the top 3 most sustainable companies by prioritising sustainable practices.

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

Enlightened Growth Leadership Award
2022 for best-in-class sustainable business
practices from Frost & Sullivan Institute

AESL won **five 'Par-Excellence Award'** at 9th National Conclave on 5S, organized by the prestigious Quality Circle Forum of India HQ (QCFI) demonstrating its unparallel commitment to business excellence.

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

Received ICAI Awards for Excellence in Financial Reporting for the year 2021-22 (Bronze Plaque in Infrastructure and Construction Sector Category (turnover above Rs 500 Cr))

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





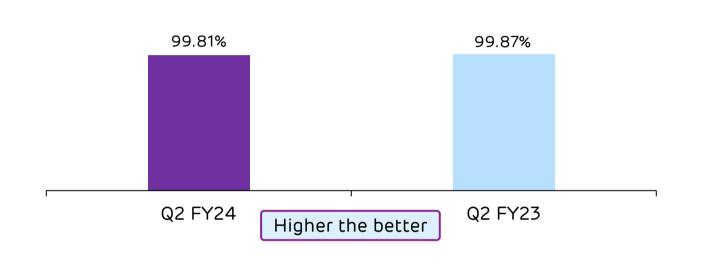
Transmission Line Availability - Asset Groups

AESL: Q2FY24 (YoY) - Line availability across asset groups



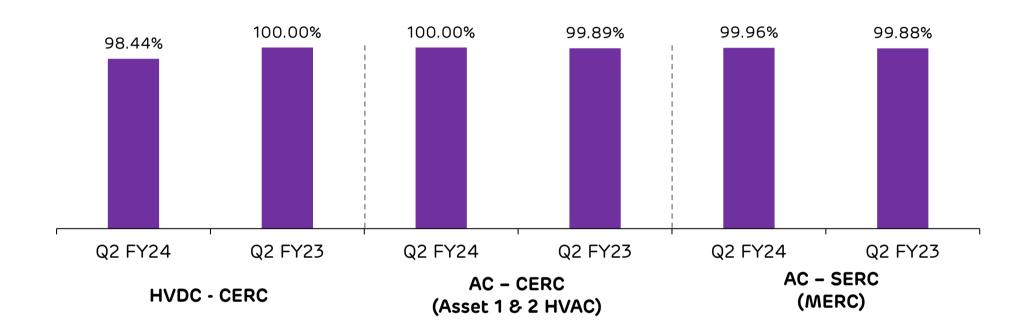
Average Availability Across Operational Assets %(1)

Line Availability - ATSOL Obligor Assets

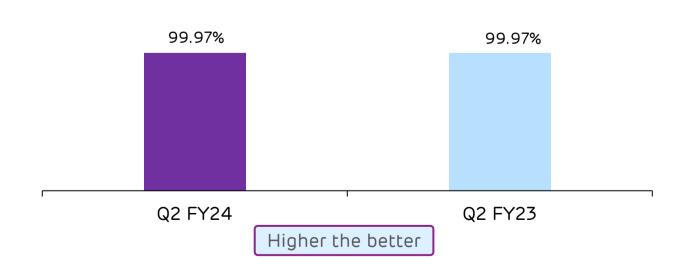


Focus on Maximizing Average Availability %

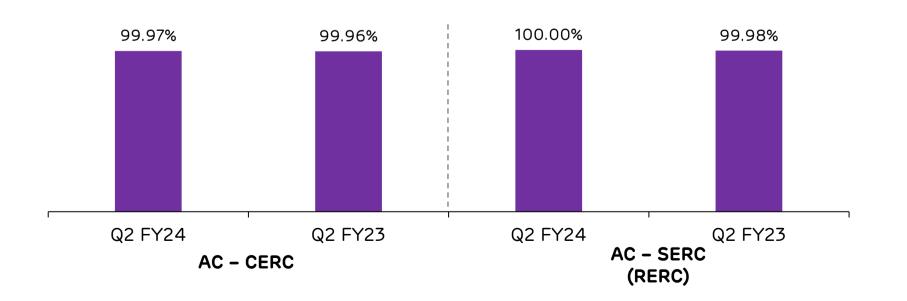
Average Availability - ATSOL Obligor Assets



Line Availability - USPP Assets



Average Availability - USPP Assets



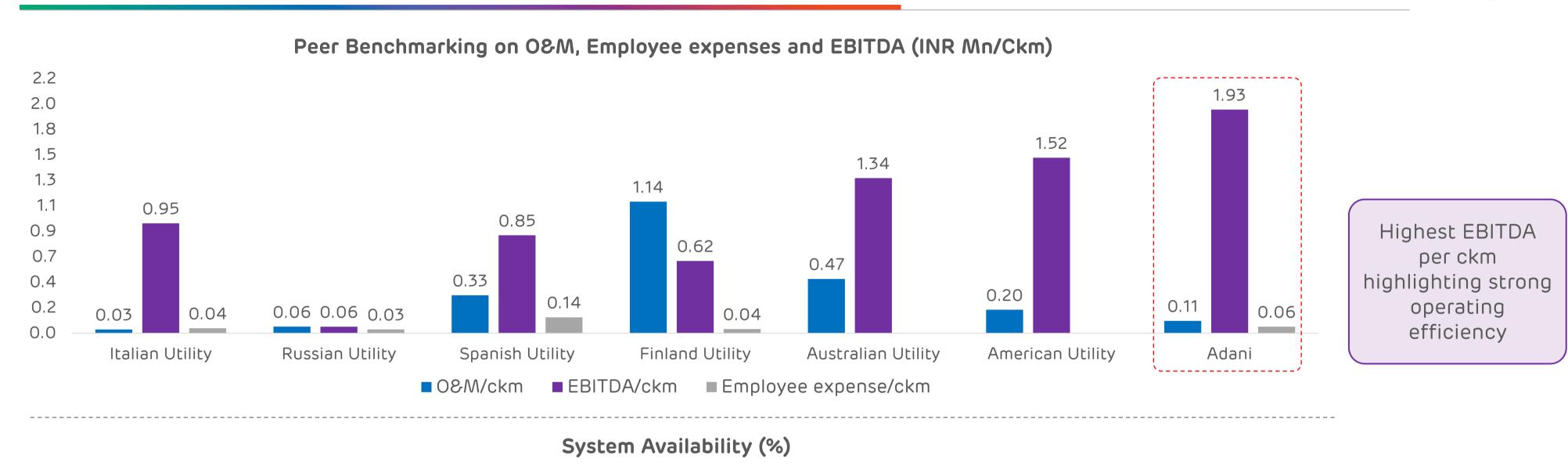


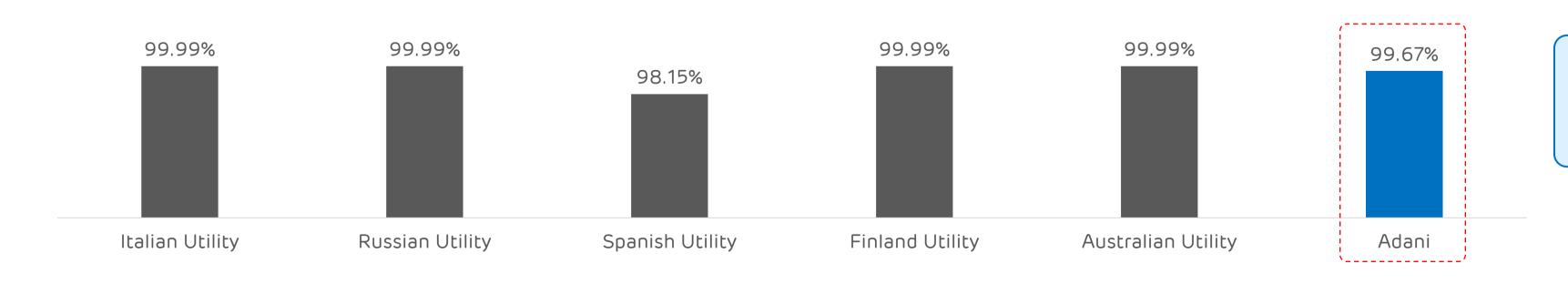


Global Peer Benchmarking

AESL: Transmission System Operational Parameters - Peer Benchmarking





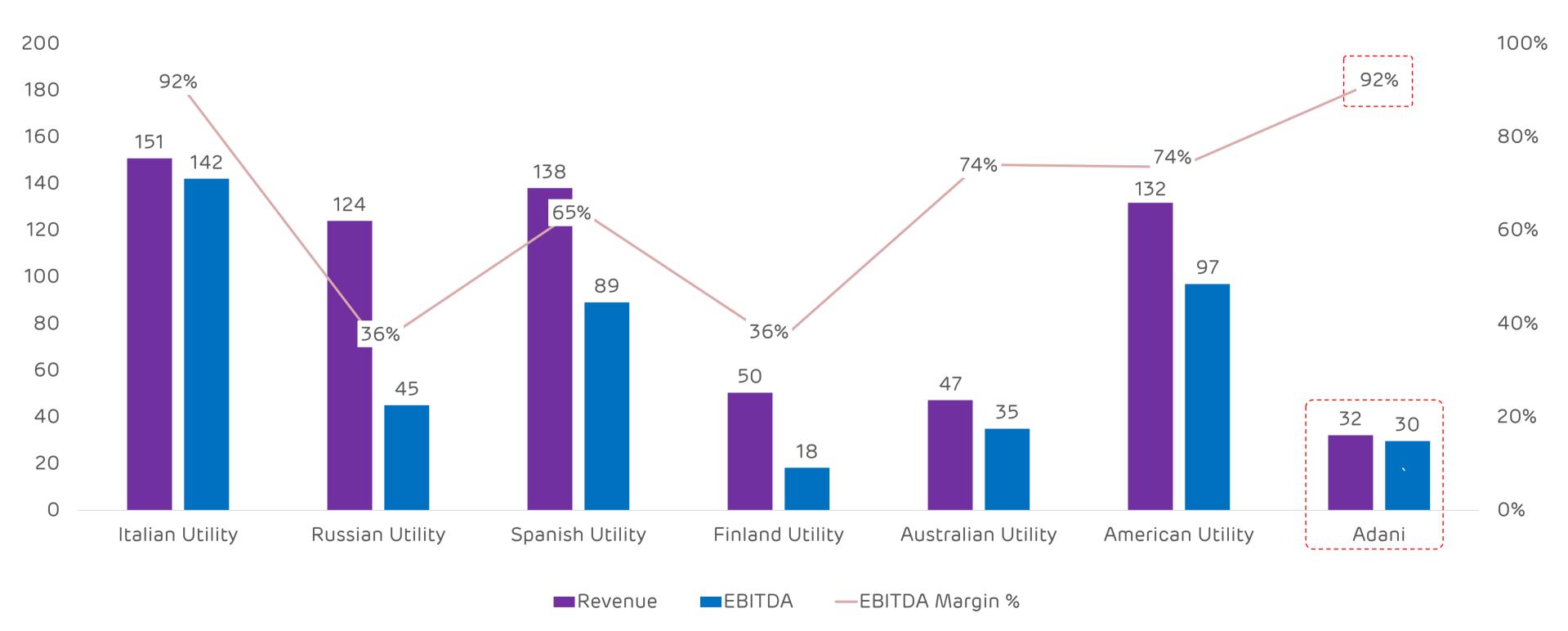


System availability in line with global standards

AESL: Transmission System Financial Parameters - Peer Benchmarking







Highest EBITDA margin in transmission business across global utilities compared

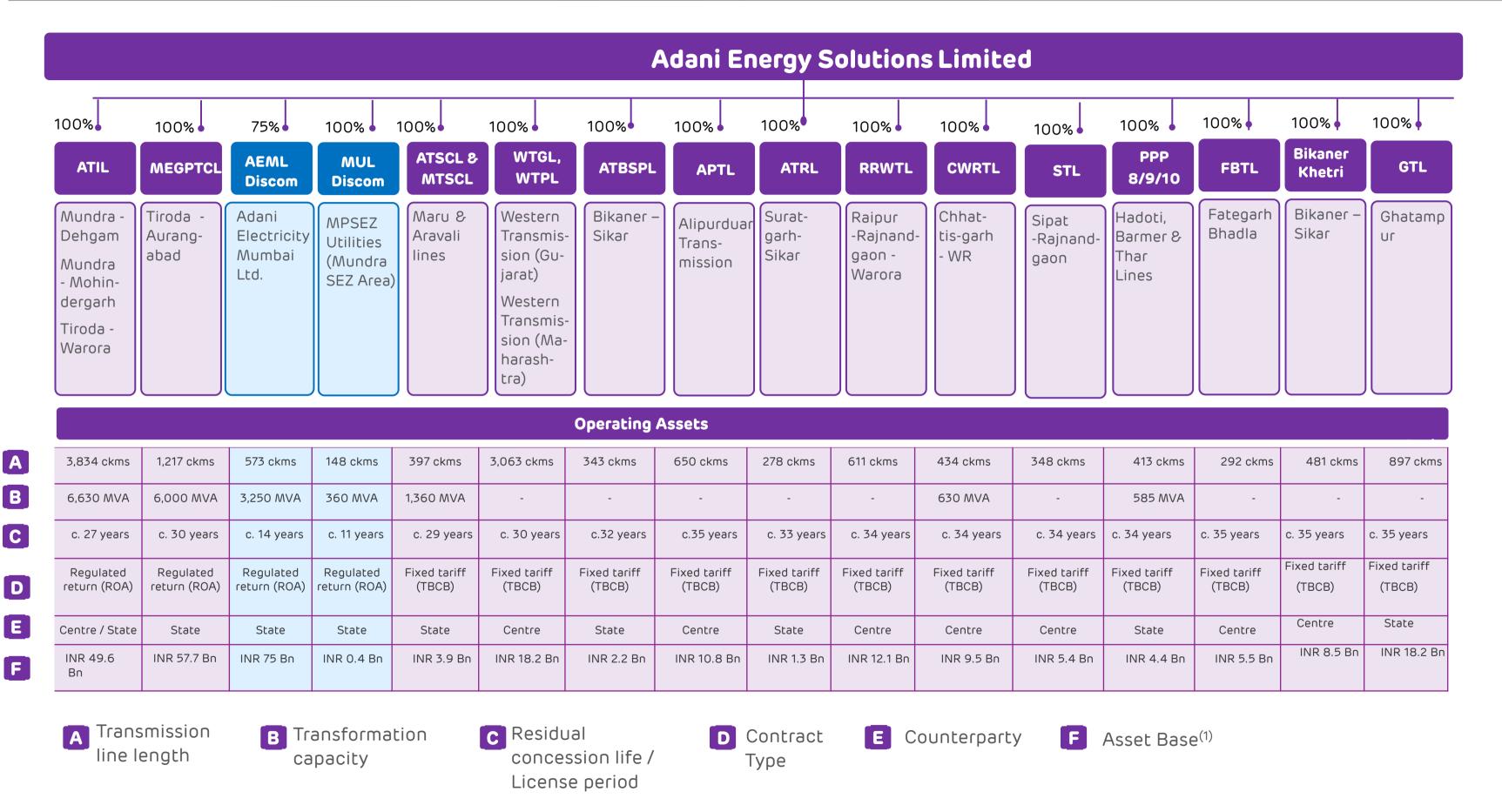




AESL - Operational and Under-construction Asset Portfolio

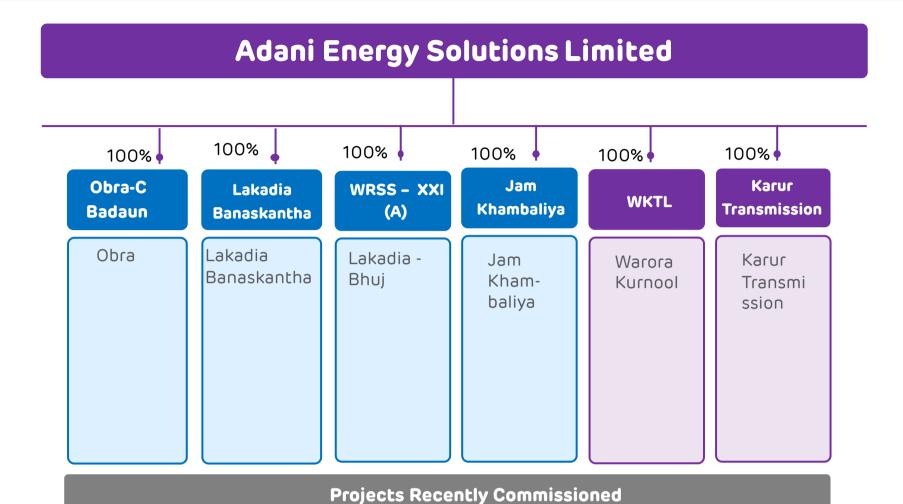
AESL's Operational Asset Portfolio as of Q2FY24 (1/2)





AESL's Operational Asset Portfolio as of Q2FY24 (2/2)



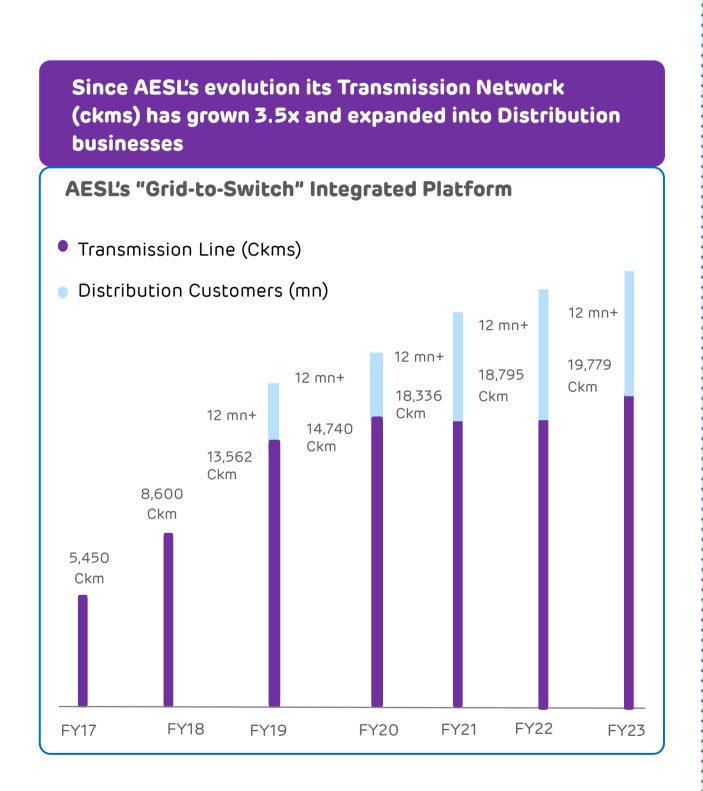


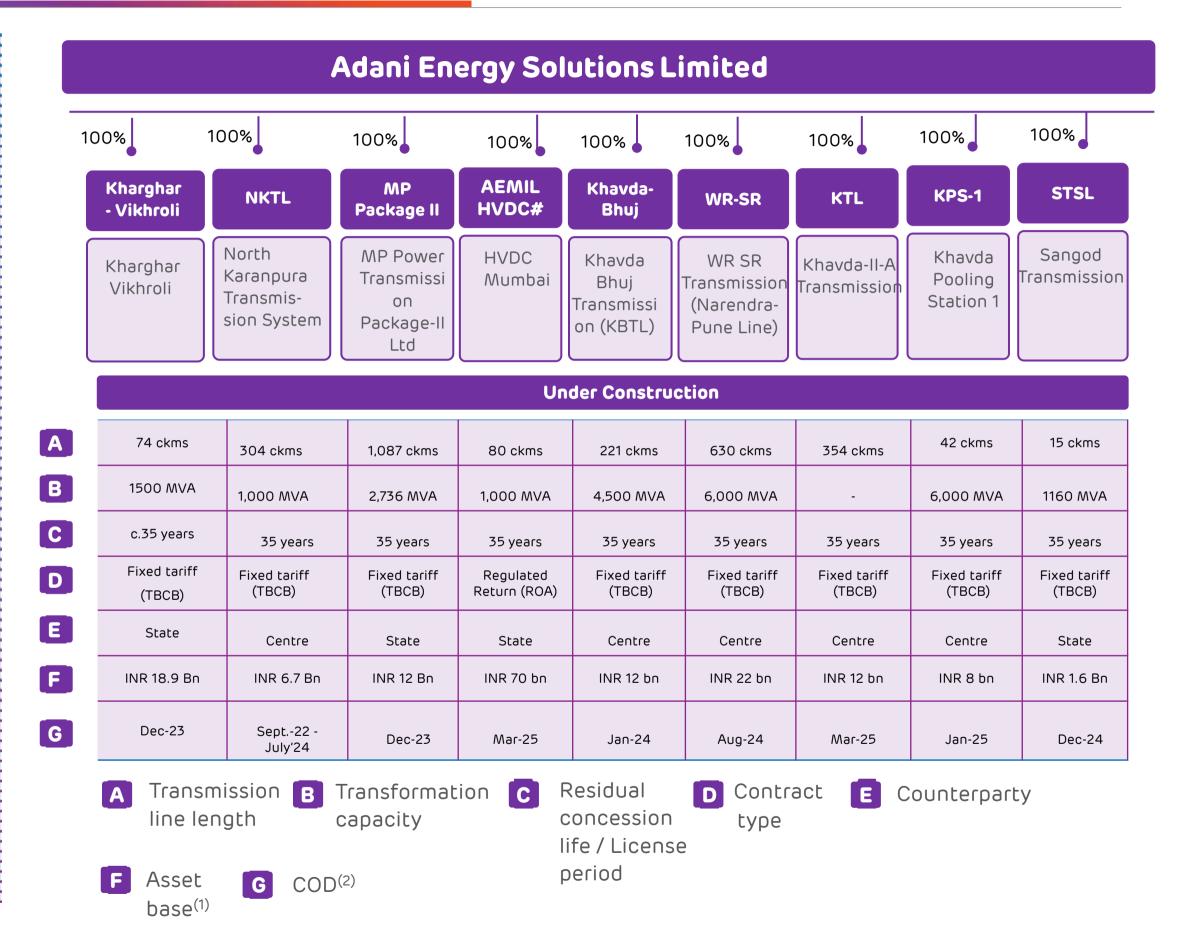
- A Transmission line length
- B Transformation capacity
- Residual concession life/ License period
- D Contract Type
- **E** Counterparty
- Asset Base⁽¹⁾

	630 ckms	352 ckms	292 ckms	38 ckms	1,756 ckms	10 ckms
,	950 MVA	-	3000 MVA	2500 MVA	3500 MVA	1,000 MVA
/	N/A	c. 35 years	C. 35 years	c. 35 years	c.35 years	35 years
	Fixed tariff (TBCB)					
	State	Centre	Centre	Centre	Centre	Centre
	INR 7.4 Bn	INR 7.0 Bn	INR 8.1 Bn	INR 3.2 Bn	INR 35 Bn	INR 2 bn

AESL's Under-construction Asset Portfolio as of Q2FY24

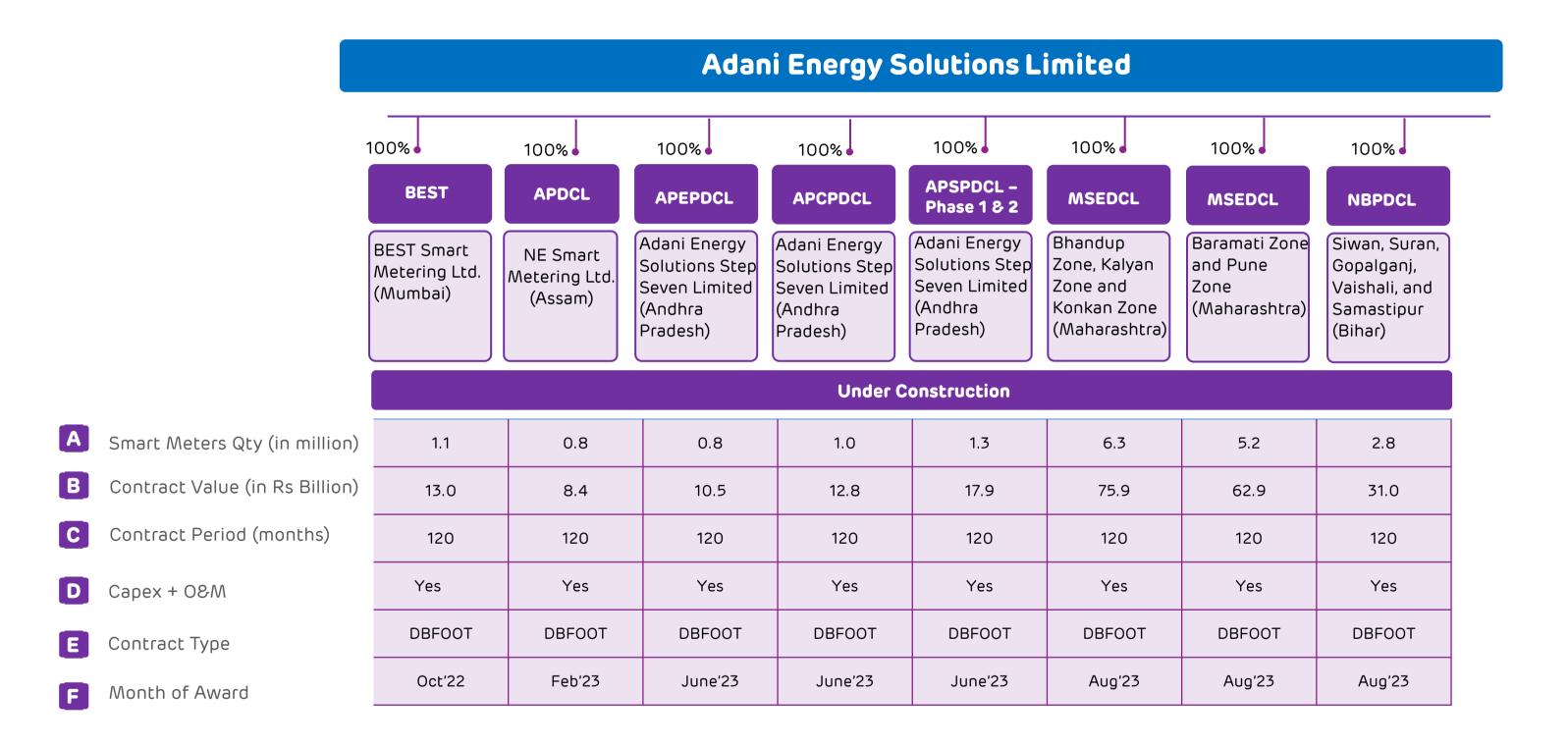






AESL's Smart Metering Under-construction Portfolio as of Q2FY24





Legal Disclaimer

conditions or



The information contained in this presentation is provided by Adani Energy Solutions. Limited (together with its subsidiaries, the "Company" or "AESL") to you solely for your reference and for information purposes only. This presentation is highly confidential and is being given solely for your information and your use, and may not be retained by you or copied, reproduced or redistributed to any other person in any manner nor any part thereof may be (i) used or relied upon by any other party or for any other purpose; (ii) copied, photocopied, duplicated or otherwise reproduced in any form or by any means; or (iii) re-circulated, redistributed, passed on, published in any media, website or otherwise disseminated, to any other person, in any form or manner, in part or as a whole, without the prior written consent of the Company. Any unauthorized use, disclosure or public dissemination of information contained herein is prohibited. This presentation does not purport to be a complete description of the markets' conditions or developments referred to in the material. Certain statements made in this presentation may not be based on historical information or facts and may be "forward-looking statements," including those relating to general business plans and strategy of Adani Energy Solutions Limited ("AESL"), their future outlook and growth prospects, and future developments in their businesses and their competitive and regulatory environment, and statements which contain words or phrases such as 'will', 'expected to', etc., or similar expressions or variations of such expressions. Actual results may differ materially from these forward-looking statements due to a number of factors, including future changes or developments in their business, their competitive environment, their ability to implement their strategies and initiatives and respond to technological changes and political, economic, regulatory and social conditions in India. This presentation is for private circulation only and does not constitute a prospectus, offering circular or offering memorandum or an offer, or a solicitation of any offer, to purchase or sell, any shares and should not be considered as a recommendation that any investor should subscribe for or purchase any of AESL's shares. Neither this presentation nor any other documentation or information (or any part thereof) delivered or supplied under, or in relation, to the shares shall be deemed to constitute an offer of or an invitation by or on behalf of AESL. AESL, as such, makes no representation or warranty, express or implied, as to, and does not accept any responsibility or liability with respect to, the fairness, accuracy, completeness or correctness of any information or opinions contained herein. The information contained in this presentation, unless otherwise specified is only current as of the date of this presentation. This presentation is for general information purposes only, without regard to any specific objectives, financial situations or informational needs of any particular person. This presentation should not be used as a basis for any investment decision or be relied upon in connection with, any contract, commitment or investment decision whatsoever. This presentation does not constitute financial, legal, tax or other product advice. Potential investors must make their own assessment of the relevance, accuracy and adequacy of the information contained in this presentation and must make such independent investigation as they may consider necessary or appropriate for such purpose. The statements contained in this presentation speak only as at the date as of which they are made, and the Company expressly disclaims any obligation or undertaking to supplement, amend or disseminate any updates or revisions to any statements contained herein to reflect any change in events,

circumstances on which herein to reflect any change in events, conditions or circumstances on which any such statements are based. Neither the Company nor any of its respective affiliates, its board of directors, its management, advisers or representatives, including any lead managers and their affiliates, or any other persons that may participate in any offering of securities of the Company, shall have any responsibility or liability whatsoever (in negligence or otherwise) for any loss howsoever arising from any use of this presentation or its contents or otherwise arising in connection with this presentation. AESL assumes no responsibility to publicly amend, modify or revise any forward looking statements, on the basis of any subsequent development, information or events, or otherwise. Unless otherwise stated in this document, the information contained herein is based on management information and estimates. The information contained herein is subject to change without notice and past performance is not indicative of future results. AESL may alter, modify or otherwise change in any manner the content of this presentation, without obligation to notify any person of such revision or changes. Certain statements made in this presentation may be "forward looking statements" for purposes of laws and regulations of India and other than India. These statements include descriptions regarding the intent, belief or current expectations of the Company or its directors and officers with respect to the results of operations and financial condition, general business plans and strategy, the industry in which the Company operates and the competitive and regulatory environment of the Company. These statements can be recognized by the use of words such as "expects," "plans," "will," "estimates," "projects," "targets," or other words of similar meaning. Such forward-looking statements are not guarantees of future performance and involve risks and uncertainties, and actual results may differ from those in such forward-looking statements as a result of various factors and assumptions, including future changes or developments in the Company's business, its competitive environment, information technology and political, economic, legal, regulatory and social conditions in India, which the Company believes to be reasonable in light of its operating experience in recent years. The Company does not undertake to revise any forward-looking statement that may be made from time to time by or on behalf of the Company. Please note that the past performance of the Company is not, and should not be considered as, indicative of future results. No person is authorized to give any information or to make any representation not contained in and not consistent with this presentation and, if given or made, such information or representation must not be relied upon as having been authorized by or on behalf of AESL. This presentation does not constitute an offer or invitation to purchase or subscribe for any securities in any jurisdiction, including the United States. No part of its should form the basis of or be relied upon in connection with any investment decision or any contract or commitment to purchase or subscribe for any securities. None of our securities may be offered or sold in the United States, without registration under the U.S. Securities Act of 1933, as amended, or pursuant to an exemption from registration therefrom. This presentation is confidential and may not be copied or disseminated, in whole or in part, and in any manner. This presentation contains translations of certain Rupees amounts into U.S. dollar amounts at specified rates solely for the convenience of the reader.

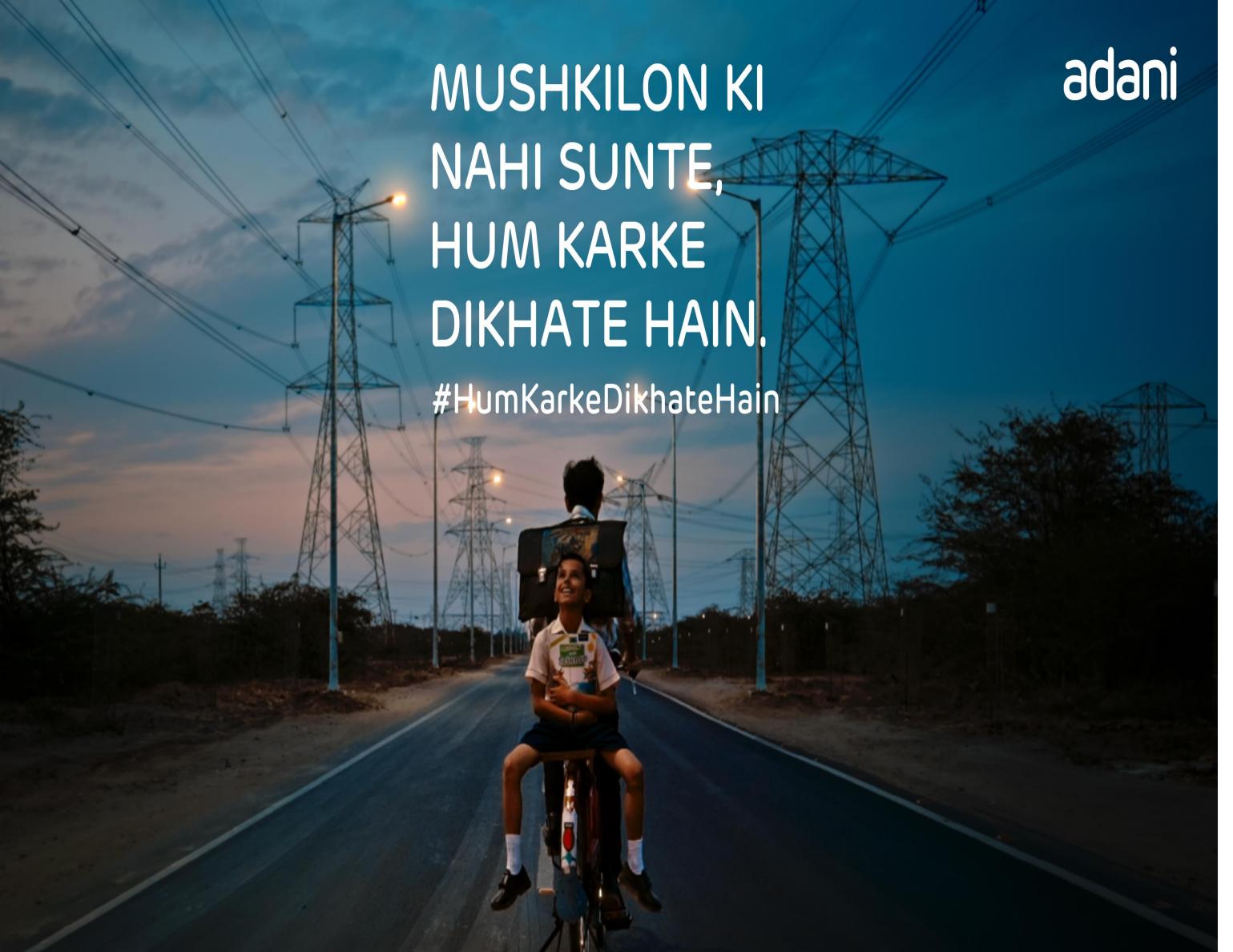
Investor Relations:

VIJIL JAIN

Lead Investor Relations

✓ Vijil. Jain@adani.com

+91 79 2555 7947







Thank You