

10th November, 2020

BSE Limited

P J Towers, Dalal Street, Mumbai – 400001 National Stock Exchange of India Limited

Exchange plaza, Bandra-Kurla Complex, Bandra (E)

Mumbai – 400051.

Scrip Code: 539254 Scrip Code: ADANITRANS

Dear Sir,

Sub: Submission of presentation for the Investors' Conference / Webinar.

In continuation to our intimation dated 7<sup>th</sup> November, 2020, with respect to participation in the event "Bank of America Corporation (BoFA) Equity Conference", please find enclosed herewith the investors' presentation to be deliberated at the said Conference / Webinar.

You are requested to take the same on your records.

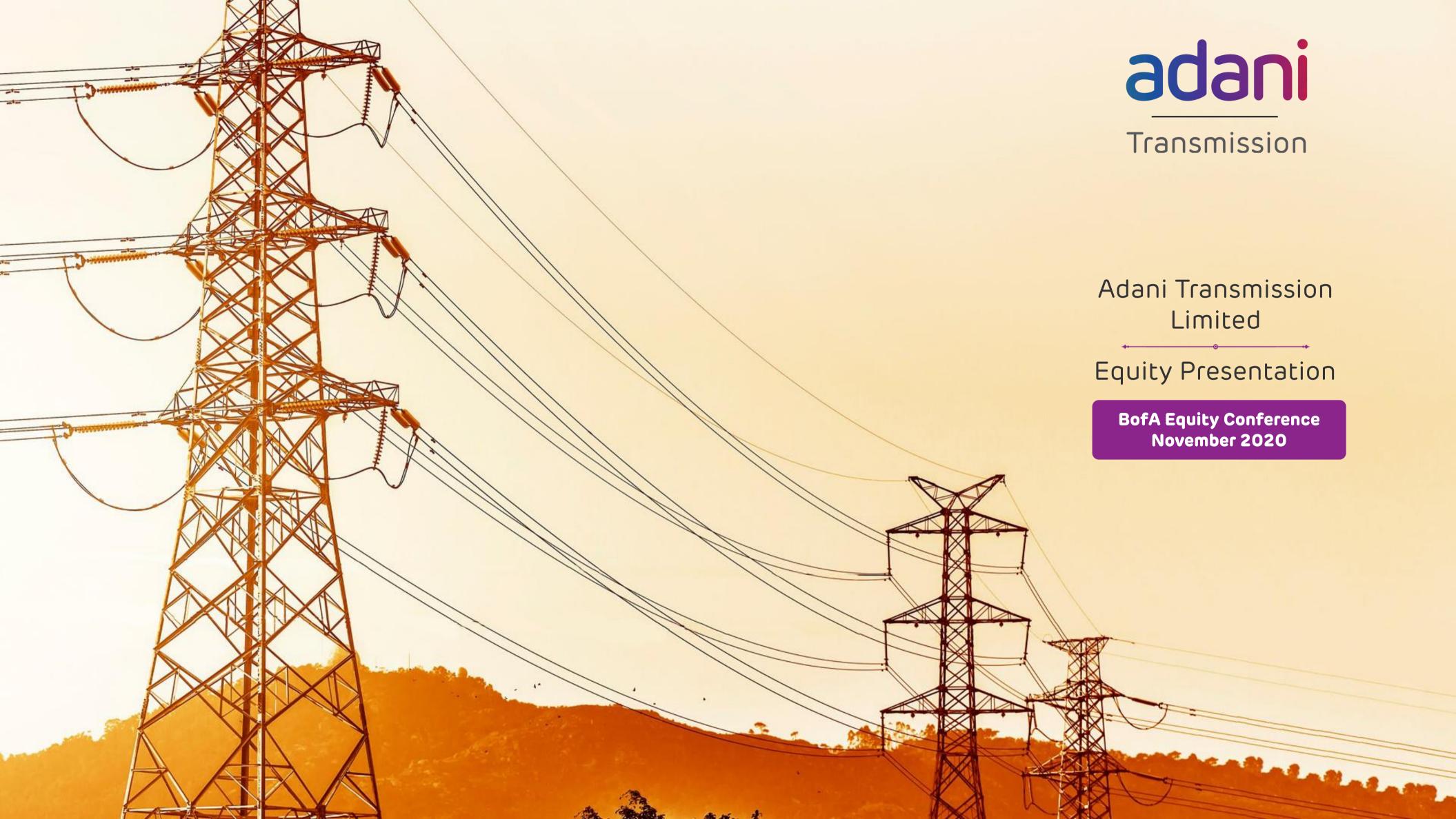
Thanking you,

Yours faithfully,

For Adani Transmission Limited

Jaladhi Shukla Company Secretary

Encl - As Above



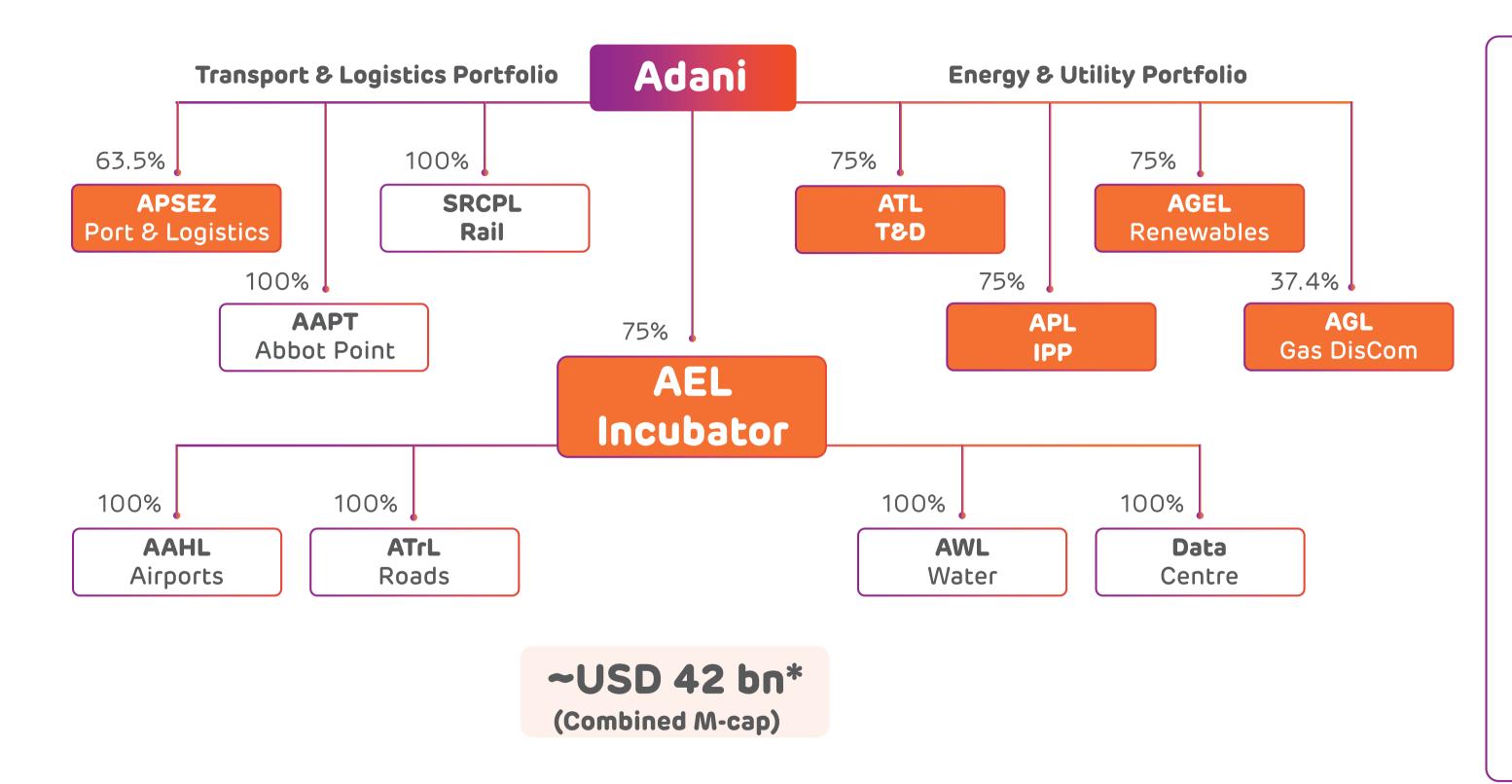
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#### Adani: A world class infrastructure & utility portfolio





#### **Adani**

#### Marked shift from B2B to B2C businesses -

AGL – Gas distribution network to serve key geographies across India

**AEML** – Electricity distribution network that powers the financial capital of India

Adani Airports — To operate, manage and develop eight airports in the country

#### Locked in Growth 2020 -

Transport & Logistics - Airports and Roads

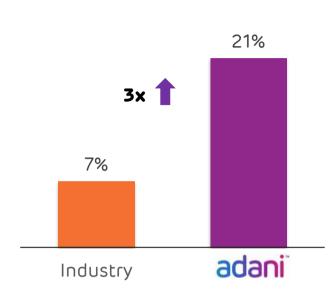
Energy & Utility – Water and Data Centre

Opportunity identification, development and beneficiation is intrinsic to diversification and growth of the group

# Adani: Decades long track record of industry best growth rates across sectors



#### Transmission Network (ckm)



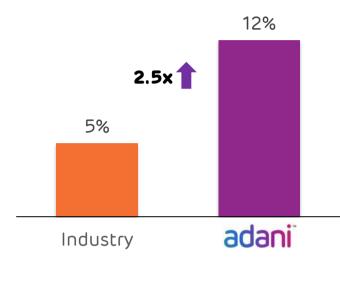
**2016** 320,000 ckm 6,950 ckm **2020** 423,000 ckm 14,837 ckm



ATL

Highest availability among Peers **EBITDA margin: 92%**<sup>1,3,6</sup>

#### Port Cargo Throughput (MT)



**2014** 972 MT 113 MT **2020** 1,339 MT 223 MT



#### **APSEZ**

Highest Margin among Peers in the World **EBITDA margin: 64%**<sup>1,2</sup>

#### Renewable Capacity (GW)

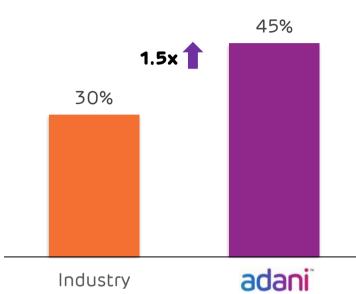




#### **AGEL**

Constructed and Commissioned in 9 months **EBITDA margin: 89%**<sup>1,4</sup>

#### CGD<sup>8</sup> (GAs<sup>9</sup> covered)



 2015
 62 GAs
 6 GAs

 2020
 228 GAs
 38 GAs



#### AGL

India's Largest private CGD business

EBITDA margin: 31%<sup>1</sup>

Transformative model driving scale, growth and free cashflow

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



| Phase       |   | Development  |   | Operations   | Post Operations   |
|-------------|---|--|---|--|---|
|             | Origination   | Site Development   | Construction  | Operation  | Capital Mgmt  |
| Activity    | <ul> <li>Analysis &amp; market intelligence</li> <li>Viability analysis</li> <li>Strategic value</li> </ul>                 | <ul> <li>Site acquisition</li> <li>Concessions         <ul> <li>and regulatory</li> <li>agreements</li> </ul> </li> <li>Investment case         development</li> </ul> | <ul> <li>Engineering &amp; design</li> <li>Sourcing &amp; quality levels</li> <li>Equity &amp; debt funding at project</li> </ul> | <ul> <li>Life cycle O&amp;M         planning</li> <li>Asset Management         plan</li> </ul>   | <ul> <li>Redesigning the capital structure of the asset</li> <li>Operational phase funding consistent with asset life</li> </ul>                              |
| Performance | <ul> <li>India's Largest         Commercial Port         (at Mundra)</li> <li>Highest Margin         among Peers</li> </ul> | <ul> <li>Longest Private         HVDC Line in Asia         (Mundra –               Mohindergarh)</li> <li>Highest line         availability</li> </ul>                 | <ul> <li>Largest Single Location Private Thermal IPP (at Mundra)</li> <li>High declared capacity of 89%</li> </ul>                | <ul> <li>648 MW Ultra Mega<br/>Solar Power Plant<br/>(at Kamuthi, Tamil Nadu)</li> <li>Constructed and<br/>Commissioned in 9<br/>months</li> </ul> | In FY20 issued 7 international bonds across the yield curve totalling~USD4Bn  All listed entities maintain liquidity cover of 1.2x- 2x as a matter of policy. |
|             |   |  |   |  | 14%<br>31%<br>55%<br>47%<br>20%<br>March 2016<br>March 202  |

Private Banks

Bonds

#### ATL: A platform well-positioned to leverage growth opportunities in T&D business



Development



#### **Execution Prowess**

Transmission Network of

14,837 ckms¹;

Longest Private HVDC Line in Asia

#### **Strategic Presence**

**Transmission** - Present in 9 states with 21 transmission lines **Distribution** - Integrated utility catering to gateway city of Mumbai

#### Healthy pool mix

Transmission (FY20): **52%** of EBITDA - Central pool **48%** of EBITDA - State pool

**Operations** 



Operating Efficiency and Strong Margins (1HFY20)

Robust network availability of ~99.88% and supply reliability of 99.99%

Transmission EBITDA Margin – **92%**Distribution EBITDA Margin – **28%** 

#### **Consumer-centricity**

Integration of Consumer and Technology enabling AEML as a supplier of choice

#### **ESG**

**Embedded Framework** for enhanced value creation

Equity Value Creation



ROE optimization via Efficiency-led Development

Development and O&M efficiencies resulted into savings of ~Rs.5 bn optimizing ROE at 55%

#### Capital Management

Re-designing capital structure though low cost capital and elongated maturity Self-funded growth model ensuring efficient capital churn

Every Rs. 1 bn of Equity Invested allows creation of Rs. 2.25 bn of Equity Employed



#### ATL: Manifesting Adani's Infrastructure Excellence in T&D business



Execution
Strength and Pan
India Presence





Pan-India network & only private sector co. to operate 500 KV HVDC in S-E Asia



**AEML** - One of the best-run 93-year old integrated utility catering to gateway city of Mumbai



3 million+

Retail Electricity Households

12 million+

Retail Electricity Consumers

Predictable and Annuity Returns





INR 300 Bn/ US\$ 4.3Bn

Total Regulated Asset base<sup>(1)</sup> (Fully built)



31 years/ 17 years

Avg. Residual Concession Life (Transmission/ Distribution)<sup>(4,5)</sup>



54%/46%

ROA / TBCB Asset Base<sup>(2)</sup>

Robust Financial performance and strong Balance Sheet





92% (Transmission) 28% (Distribution)

EBITDA Margin (H1 FY21)



~99.9 %

Availability (H1 FY21)



INR 117 bn / US\$ 1.7 bn

Approved Tariff Order (Fully Built)<sup>(1)</sup>

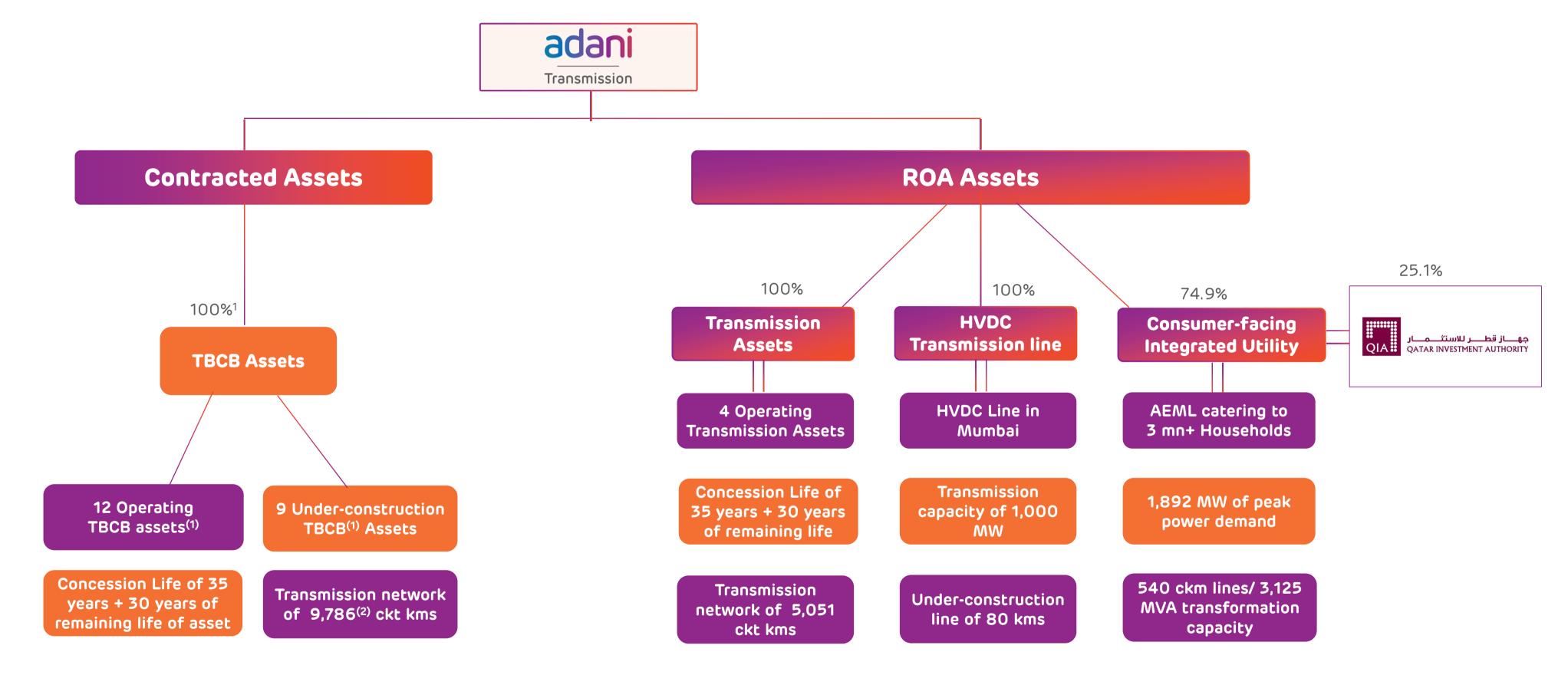


BBB-/Baa3

International Investment Grade Rating<sup>(5)</sup>

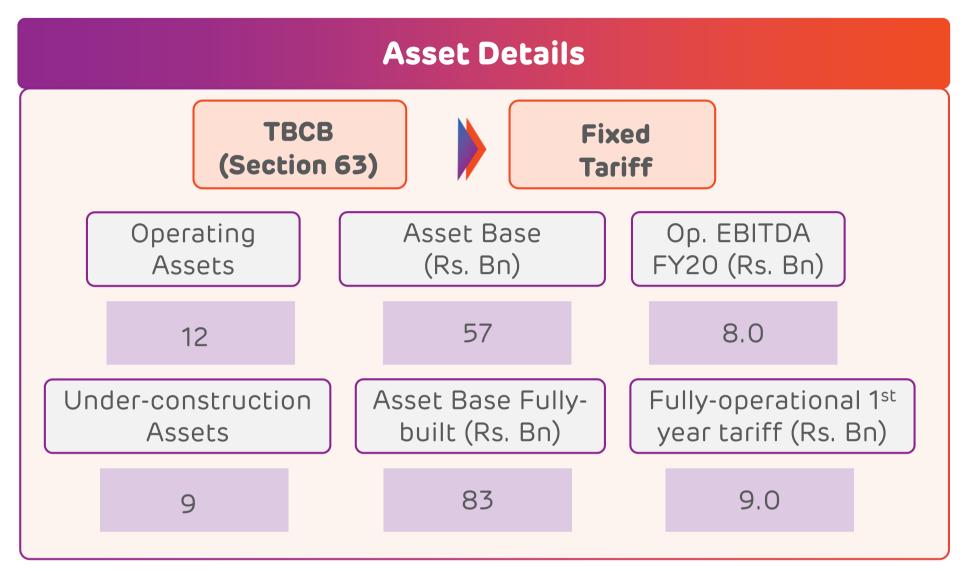
#### ATL at a Glance





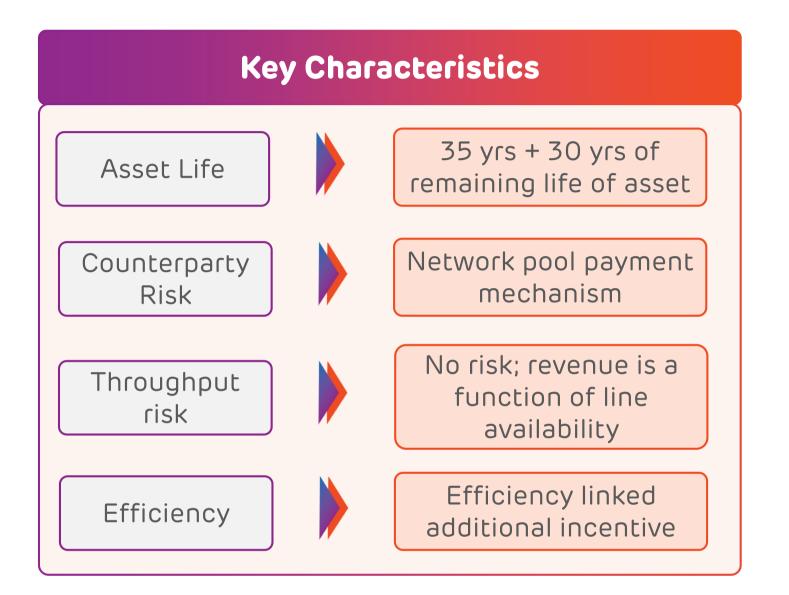
#### ATL: Contracted Assets at a Glance





### Stable Business Parameters

- Mature Regulatory bodies (EA 2003)
- Steady stream of cash flows
- No throughput risk in Transmission sector
- Payment pooling mechanism thus no counterparty risk

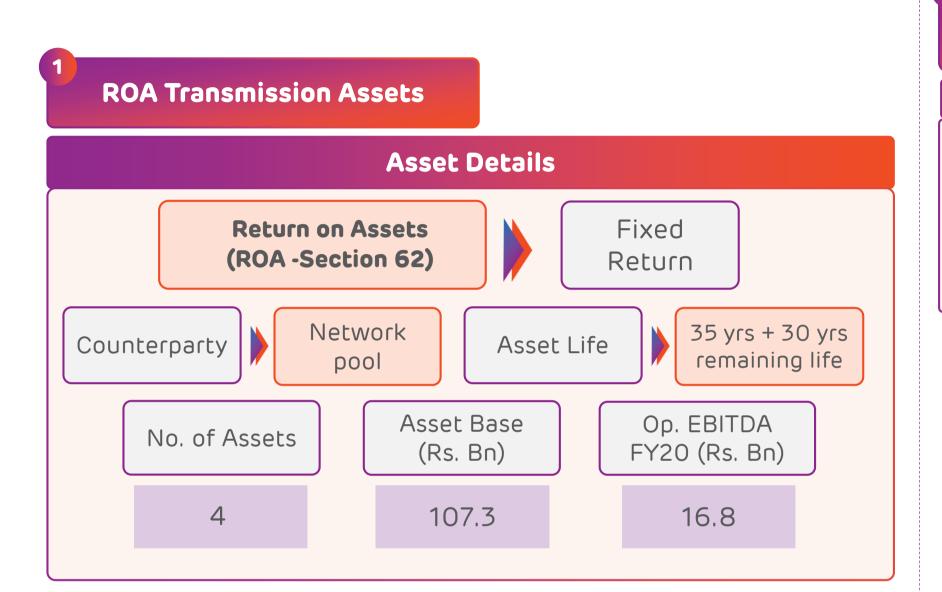


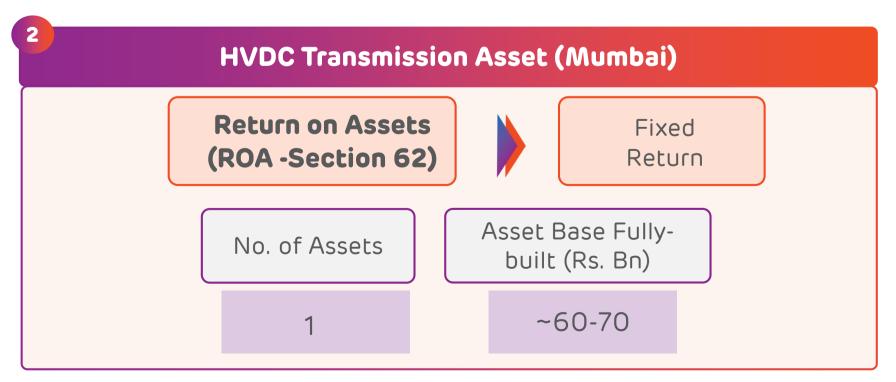
#### **Growth levers**

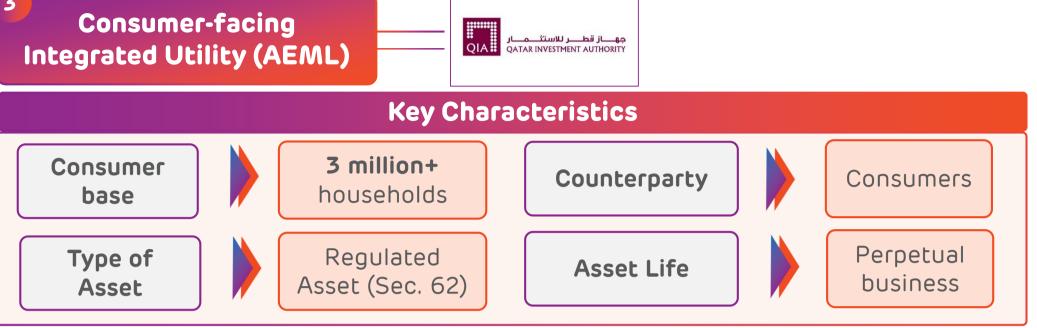
- 100% organic growth with robust underconstruction pipeline
- Market share of 37% in FY20 with IRR threshold offers high growth potential in TBCB allocations

#### ATL: ROA assets at a Glance









#### Consumer Utility Asset Regulated Asset Base (RAB) and EBITDA (Rs. Billion) Generation Retail Wires Total **Transmission** RAB FY20 62.4 8.1 1.9 12.3 40.1 EBITDA FY20 2.8 0.6 2.5 18.6 12.7

#### Stable Business Parameters

- 93-year old business with predictable and mature regulatory framework serving 3 mn+ households (12 mn+ consumers) in Gateway City of India
- Rate of Return Asset (the asset being the RAB) with no-to-minimal throughput risk (only in Retail segment)
- Business with inverse regulated capital structure supported by revenue true-up and cost passthrough mechanisms
- Guided by three pillars of Reliability (Supply), Affordability (Power) and Sustainability (Aiming for 50% RE power by 2025)



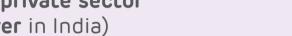
#### ATL: Transformation nature and journey so far



# Operations

#### **Key Benchmarks**

- Scale and Wider Presence (largest private sector Transmission and Distribution player in India)
- World-class Operational Excellence (one of lowest O&M cost per ckt kms<sup>(1)</sup> globally)
- Technological Edge and Innovation (ENOC for remote operations and predictive maintenance)





• ATL has **grown ~3x** in a span of 5 years on Transmission network and has presence in 9 states of India

Milestones achieved

- Track record of consistently maintaining near 100% line availability and supply reliability
- Built longest private HVDC line in Asia with a single hop of ~1000 kms and a capacity to transmit 2500 MW of power

# Acquisitions

#### Solid integration and turnaround capabilities:

- Acquired Transmission lines from KEC, GMR and successfully integrated
- Acquired Distribution business with more than 2.5x revenue potential and huge consumer base



#### Successful integration of various transmission lines acquired

- Acquired lines operating at global standards and generating incentive income
- Achieved improvement in Distribution loss and SAIDI & SAIFI post acquisition of Distribution business

# Financial



- EBITDA Growth (~24% EBITDA CAGR FY16-20)
- Elongated Maturity Profile (Average debt maturity of 10.2 years)
- Capex (Planned Capex of Rs. 15 bn in Transmission and Rs. 9.5 bn in Distribution over next 3-5 years)



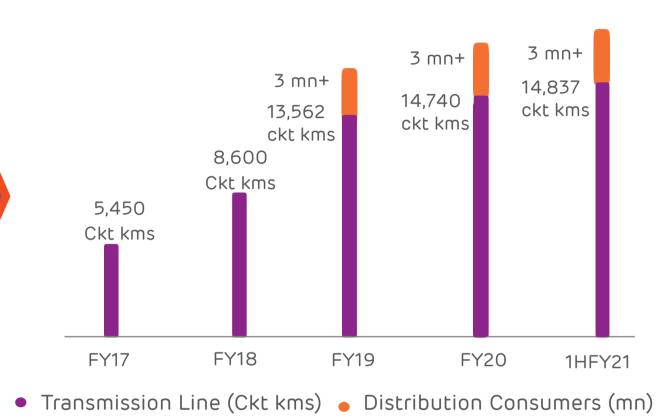
- EBITDA has **grown 2.5x** over FY2016-2020
- Dollarized debt (fully hedged) has risen from 10% in FY16 to 90% in FY20
- Debt maturity >5 years has increased from 12% in FY16 to 88% in FY20
- Fully-funded capex at AEML and sufficient FCF for Transmission capex
- ATL market-cap<sup>(2)</sup> has grown ~9x and delivered 55% CAGR returns since listing

#### ATL: Operational and Execution Excellence

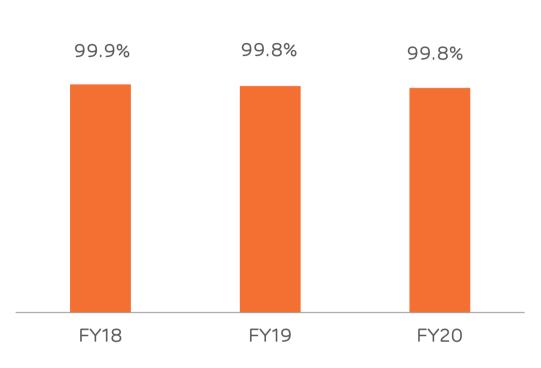


# Operational excellence

#### **Robust Transmission and Distribution Network**



#### Transmission business - Average System Availability %



#### Distribution business - Supply Reliability (ASAI) %



#### **Project Excellence**

- Completed HVDC project (~1000 kms) in a record time of 24 months
- Majority of the projects completed within time and budget allowing ATL to command market share of 37% in FY20
- Cost savings at development and O&M allowing
   RoE optimization (USPP assets)

#### O&M Excellence

- In-house team with vast O&M experience
- Remote operation of sub-stations (Rajasthan assets) and predictive maintenance through Energy Network Operating Center (ENOC)
- Low-cost and condition-based O&M through tools like SCADA and processes like IMS, Disha for robust and sustainable O&M

#### Design and Technology Excellence

- In-house design team capable of designing towers using tools like PLS Tower and STAAD-PRO
- **Drone inspection** for Asset maintenance and Pre-bid survey (LIDAR method)<sup>(1)</sup>
- ERS tool for emergency restoration of lines up to 765Kv within 48 hours for higher reliability and incentive income

#### ATL: Scale driving efficiencies and growth



Operational Efficiencies



- Synergies from wide geographical presence and execution expertise helps **mitigate cost and time overrun risk**
- Economies of scale permits **one of the lowest Rs. 0.19 million per ckt kms O&M cost** as compared to global peers<sup>(1)</sup>
- Implemented IMS, ISO, Disha, OMS for process standardization and efficiencies

Cost Optimisation



- **Solid vendor management** and strong relationships adds to business sustainability and avoid cost escalations
- Cost optimization through Capital Management Program (~US\$ 2bn worth bond issuances in 18 months) saved finance cost by 1.6% over 5 years

Growth



- ATL remains **competitive at bidding stage** due to scale benefits thus having **market share of 37%** in FY20<sup>(2)</sup>
- Availability of large talent pool and in-house capabilities provides platform for evaluation and to pursue varied growth opportunities

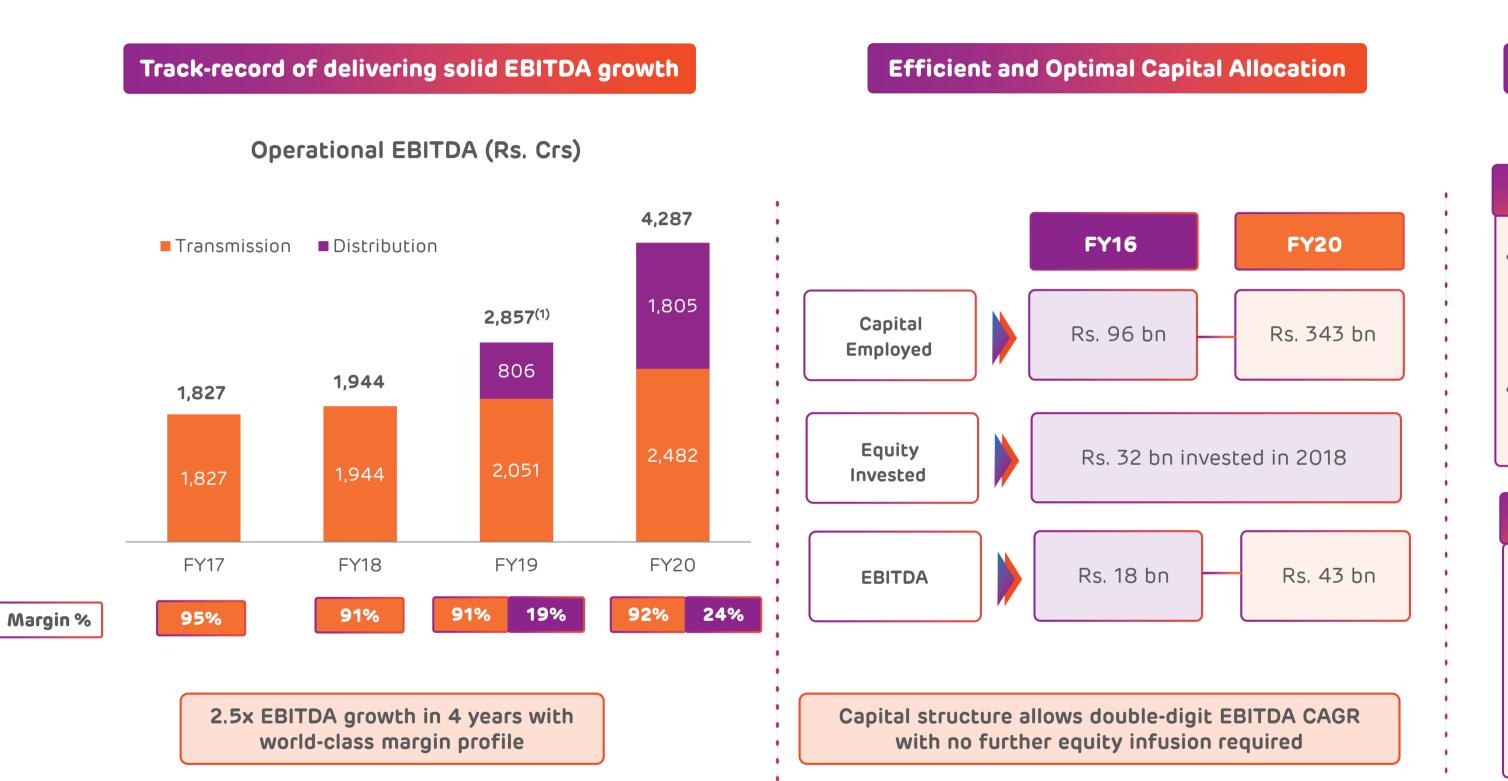
#### Scalability Potential in Future

- Achieve 20,000 Ckt kms by FY2022 through locked-in projects and strong TBCB pipeline
- Leveraging on 3mn+ households and continuous consumer addition in Distribution business
- Capex opportunity of Rs. 95 bn at AEML to increase equity returns over next 5 years
- Access to large opportunity pool in T&D space through greenfield, acquisitions, franchise opportunities etc.
- **Strategic partnerships** like QIA to strengthen growth and governance aspirations

Operating Scale offering consistent efficiencies and cost optimisation opportunities giving ATL a clear competitive edge

#### ATL: Growth and Long-term value creation





Locked-in growth for next 3-5 years

#### Transmission growth

- 9 Under-construction TBCB projects worth
  Rs. 80 bn in transmission business to add
  annual tariff-revenue of Rs. 9 bn post-operation
- HVDC project worth ~Rs. 60-70 bn under ROA framework to increase returns

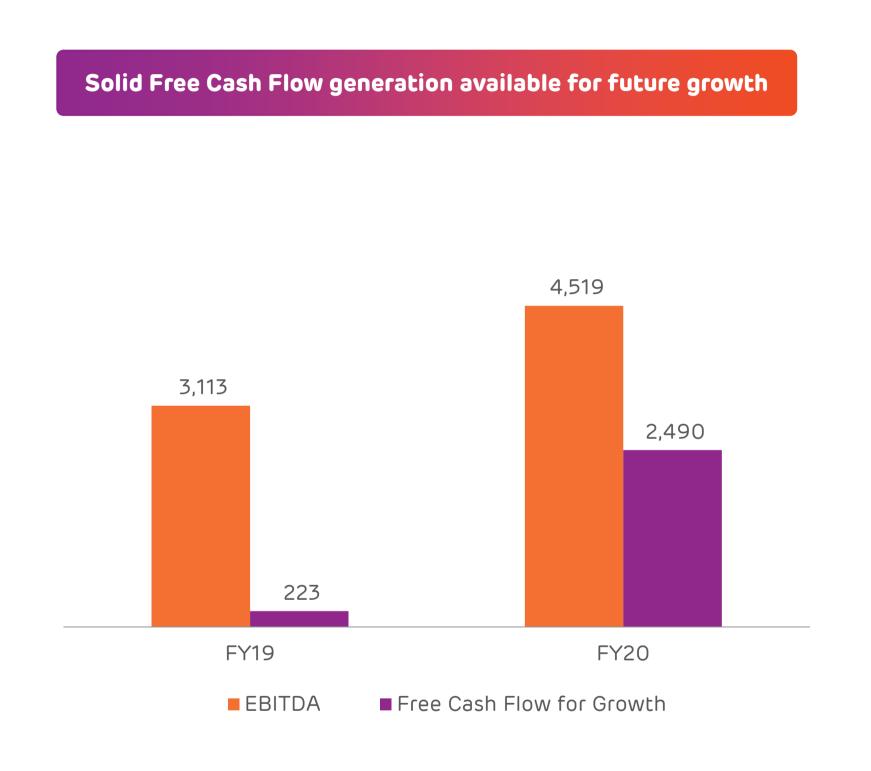
#### Distribution growth

- Capex-led growth in Regulated Asset
   Base (RAB) to drive growth in returns
- Fully tied-up capex plan of ~Rs. 9,500
   Crs. over FY20-25

Track-record of robust growth coupled with efficient capital churn to create long-term value creation for stakeholders

#### ATL: Improving Cashflow with a focus on Credit Discipline









#### ATL: Integrated ESG framework for enhanced value creation





Technological advancement for **minimal downtime during maintenance >** better availability **>** increased EBITDA

Renewable Power Procurement at below APPC > tariff reduction for 12 mn Mumbai consumers

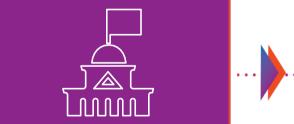
Reduction in pollution by fly ash utilization (~100% in FY20)



**Better vendor management** be development of local workforce to meet best industry practices

100% supply reliability for 12 mn Mumbai consumers > Consumers shifting to ATL's distribution business

24 x 7 consumer care availability better responsiveness lesser consumer attrition stable cash flows



Governance

- Bankruptcy Remote Structure
- Board Independence
- Related party transactions (RPT) as per covenanted structure

All the above factors led to the **highest international rating** issuer in the transmission sector in India leading to lower cost and larger pool of capital

#### **TARGET BY SEP 2021**

12x growth in renewable power procurement (from 3% of total power mix to 30%) by FY23

Strong focus on social uplift and safety through various community programs and safety initiatives

Bankruptcy remote structure to be implemented for all SPVs

RPT policy applicable to all subsidiaries

Independent directors at all subsidiaries' board and committees

The integrated ESG framework has resulted in access to larger pool of capital at reduced cost >> value accretive returns

#### ATL: Climate Strategy



#### Climate Awareness

#### Climate Readiness

Climate Alignment

#### **Environment Related Factors**

#### **Optimizing Carbon Intensity**

- Carbon foot-printing and disclosure
- Improving Carbon Efficiency
- Approaching Carbon Neutrality
- Supporting low carbon economy

#### **Optimizing Carbon Intensity**

- Increase Renewable Energy share
- Promote low carbon technology
- Use of Solar rooftop and wind energy
- Afforestation and Conservation

#### **Resource and Bio-diversity**

- Energy Management
- Optimizing Input Consumption
- Approaching Water Neutrality
- Leaving +Ve Impact on Bio-diversity

#### **Resource and Bio-diversity**

- Reduce freshwater withdrawal
- Reuse, recycle and replenish water
- Water neutrality
- Land use management

#### Waste Management

- Waste Reduction (5R\*)
- Circular Economy
- Zero Waste to Landfill
- Optimizing Transmission Energy Loses

#### Waste Management

- Material Recovery Facility
- Biogas Plant (Waste to Energy)
- Organic Waste Converter
- Reduce waste outcome

#### Business and future investment aligned to sustainable growth with focus on preserving environment (Disclosure in public domain)

- Carbon disclosure in Public domain.
- ESG disclosures vide corporate sustainability assessment platform of DJSI-S&P Global Adhering to disclosure in CDP,
- Becoming TCFD Supporter and signatory to SBTi.
- Water Neutrality and alliance for water stewardship certification
- Research & Development and Innovation for low carbon technology.
- Biodiversity Management & Conservation

#### ESG: Environment awareness and Initiatives



#### Climate Awareness

#### ATL recognizes that below environment related factors matter to our business model

Resource Management

|                      | rechnology Driv  |
|----------------------|--|
| Climate<br>Readiness | <ul> <li>Increase in Rer<br/>the distribution</li> </ul> |
|                      | <ul> <li>Promotion of R</li> </ul>                       |

#### **Reduction in Carbon Footprint**

#### **Technology Driven:**

 Increase in Renewable procurement for the distribution business

**Carbon Emissions** 

- Promotion of Roof Top Solar at Mumbai
- Rooftop Solar power of 1.83 MW for aux consumption at all ATL substations

#### **Resource Management**

- **Water** Rainwater harvesting at substations
- **Land** Compact substations in distribution business (Elevated & Underground substations)

#### Waste Management

- **Fly ash** 100% fly ash utilization at Dahanu plant
- "5S" at all locations

**Waste Management** 

#### Climate Alignment

- We are moving into the next stage of sustainability journey with more ambitious plans and targets related to Preserving environment and measuring GHG emissions
  - Evaluating & planning for climate change driven adversities
  - Efficient Energy Solutions for 12 mn Mumbai consuming population
- The company has aligned its business plan and is investing in below activities for sustainable growth
  - Research & Development for Design driven Efficiency
  - Biodiversity Management & Conservation
  - Optimization of water & energy consumption

#### ESG: Governance - Journey so far and future glide path



#### We have charted a glide path to internalise global best practices of governance by September 2021

#### Journey so Far

Structure for 8 SPVs including AEML, with no cross securities nor cross guarantees

#### Internal Audit Framework

• Quarterly Audit conducted on 15 parameters across all subsidiaries, Key Issues highlighted, resolution timelines fixed

#### **Compliance Framework**

• IT enabled Compliance Management tool for automated monitoring and reporting to senior management

#### **Policies**

- RPT policy applicable at listed co.
- Anti Corruption for employees of all subsidiaries monitored by Vigilance officer

#### **Board Constitution**

- Listed Co. 3 independent directors
- Subsidiaries 5 SPVs incl. AEML have independent directors

#### **Board Committees**

- Audit committee with all 3 independent directors
- 4 out of 6 committees have independent directors

#### Senior Management Remuneration

• Industry benchmarked remuneration, optimal mix of fixed and performance linked pay for long term objectives

#### Target by SEP 2021

All transactions between ATL and its SPV's – with highest standards of Governance

#### **Policies**

RPT policy applicable to all subsidiaries

#### **Board Constitution**

• Independent directors at all subsidiaries' board

#### **Board Committees**

• All committees at listed co. and subsidiary level to have independent directors

To replicate ATL's governance model to the extent applicable to other group subsidiaries









#### ATL: Compelling Investment Case



Stable & predictable cash-flows



- Predictable cash flow with contracted and regulated business
- Long term concession life (~35 years + 30 years of remaining asset life)
- ~52% sovereign-rated counterparties as of FY20

World-class
O&M practice



- Robust operational metrics line availability, supply reliability, distribution loss
- One of the lowest O&M cost through predictive maintenance and tech excellence

Robust Growth Opportunity



- ATL well positioned to capture significant portion of this growth opportunity (FY20 market share of 37%)
- Access to large opportunity pool in T&D space through greenfield, acquisitions, franchise opportunities etc.

Disciplined Capital Allocation



- Disciplined approach towards new project bidding; stringent IRR (returns) threshold
- Commitment to maintain strong credit profile and investment grade rating

**ESG Focus** 



- ESG embedded in operations and committed to sustainable value-creation for all stakeholders
- Robust governance and disclosures (further strengthened by QIA onboarding)

Infrastructure lineage



- Pedigree of Adani Group: leader in infrastructure -transport, logistics, energy and utility space
- Proven track record of excellence in development & construction





#### ATL: Key Focus Areas FY21 and Beyond



#### Liquidity Management

- Focus on maintaining adequate liquidity cover to swiftly mitigate current uncertainties and any unpredictable scenario
- Fully covered in-terms of debt servicing for next 12 months by ensuring liquidity cover of >1.25x
- Sufficient cash balance and working capital lines tied-up
- CTU/STU Pooling mechanism is in place so don't see major delay in receivables on Transmission side.
- GOI has clarified in its recent order that Discoms continue to remain obligated to pay for power within 45 days of billing

#### Capital Management

- ATL continues to focus on freeing up its equity, reducing cost of debt and bringing in marquee partners to set global corporate practices.
- Continue to add diversity and elongated maturity to firm's debt profile
- Strong thrust on maintenance of IG rating by constantly improving liquidity ratios ensuring credit quality

#### Growth

- ATL well placed to capture future growth through multiple avenues:
  - Robust under-construction pipeline worth Rs. 150 bn (including Mumbai-HVDC project)
  - Strong growth potential through TBCB transmission projects
  - Acquisition, New License, Franchise and PPP Opportunities in T&D space
  - Capex plan of Rs. 95 bn to grow RAB at AEML by FY25

#### **ESG Focus**

- Continue to maintain ESG focus and follow defined glide path
- Ensure Climate Awareness, Climate Readiness & Climate Alignment
- AEML has signed a hybrid (solar + wind) 700 MW PPA which has been approved by MERC
- Committed to increasing share of renewable power procurement from current 3% to 30% by 2023 and 50% by 2025 at AEML

#### **ATL:** Strategic Objectives



#### Regulated growth opportunities

#### Opportunity Set in Transmission

- Achieve 20,000 Ckt kms by FY2022
- Strong pipeline of TBCB transmission projects in India, esp. as renewable power grows
- Evaluate any attractive acquisition opportunities

#### **Opportunity Set in Distribution**

#### - AEML:

- Leveraging on 12mn+ consumer base
- Continuous consumer addition
- Capex of over Rs. 95bn over 5years (regulated returns)
- New license opportunities through Discoms privatisation in the form of PPP, Franchise, and Sub-licensing models



ATL geared to fully leverage opportunities for disciplined growth

Maintain IRR Threshold

Retain IG Rating

Maintain Superior Margins Self-funded Growth (FCF)

#### Unregulated growth opportunities (AEML)

Efficient Appliances and Demand side Management (DSM)

Smart Home Products

E-security and Entertainment ondemand

Fiber-to-Home

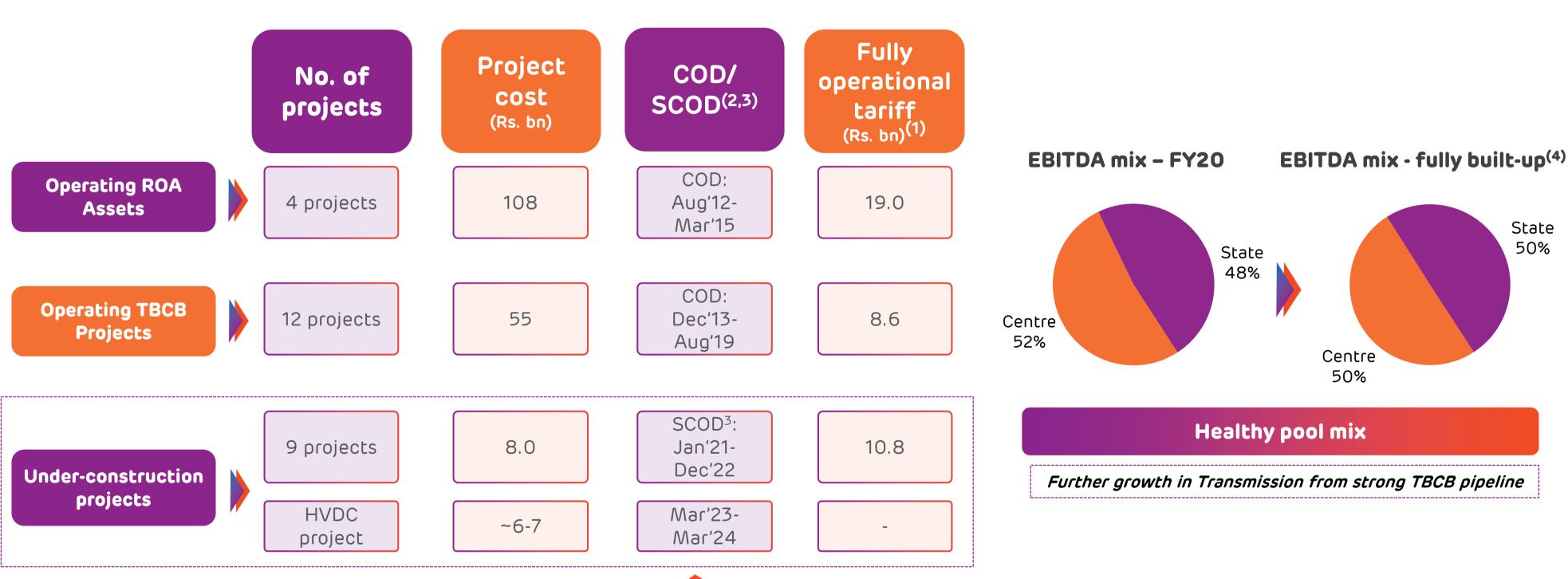
Safety and Energy Audit at places of congregation and consumers

One Adani-One Service

#### Transmission business: Growth

#### through TBCB pipeline





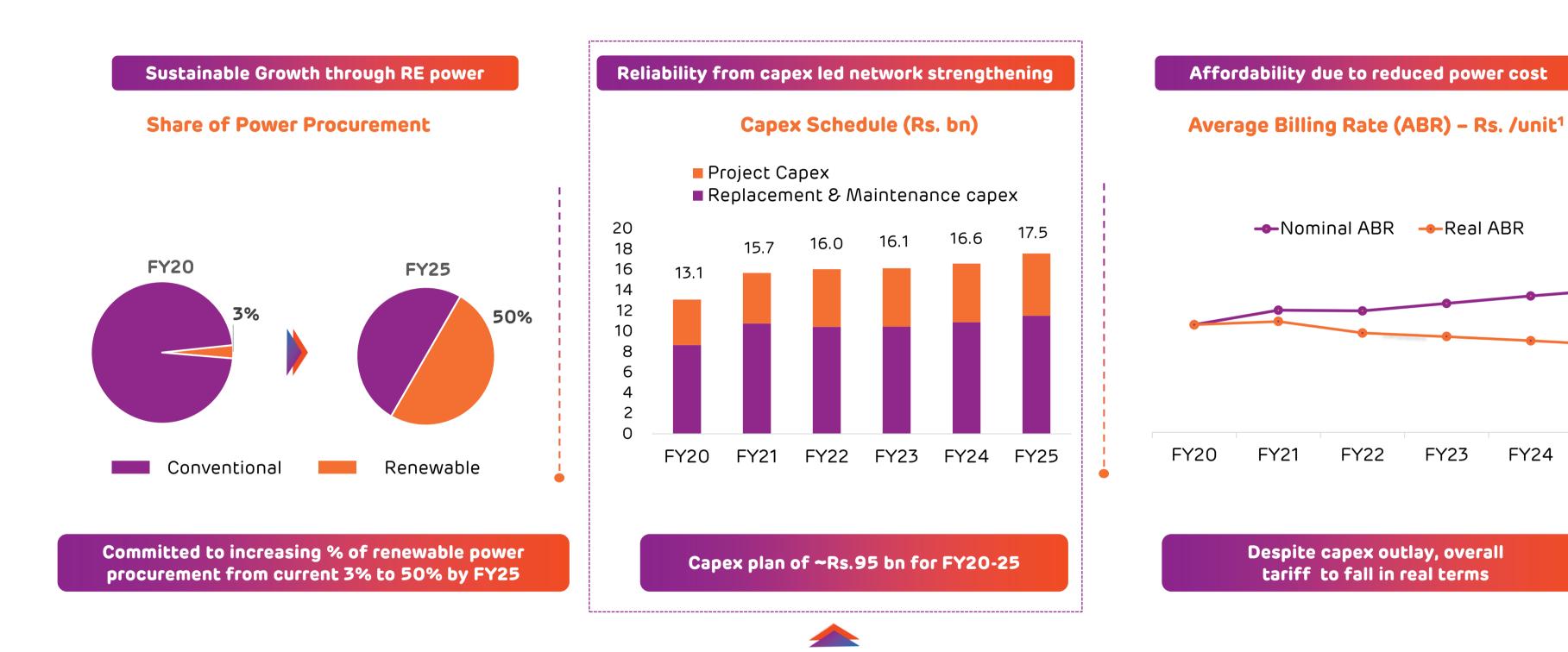


Locked-in Cashflow +
O&M Efficiencies to
drive EBITDA growth

#### AEML (Integrated Utility): Regulated Growth Opportunities



FY25



Sustainable growth in AEML by maintaining affordable tariffs through optimum power purchase, consumer growth and best O&M practices ensuring alignment with Regulator's Charter

Capex-led growth in RAB to drive EBITDA growth



#### ATL: Key Highlights and Objectives of Capital Management Program



#### Development De-risking

- Significantly reduced green-field risk (mature asset operator)
- No throughput risk in transmission business
- Lower gestation period and development efficiencies ensures efficient capital churn thus higher returns

#### Strategic Goals

- On-boarded QIA as a strategic partner emboldening the governance and value creation path
- Deleveraging and Capital De-risking through equity dilution
- Stepping towards sustainable growth through RE power (from 3% to 30% by FY23)

#### Capital Conservation

- Refinancing risk significantly minimized with debt maturity (>5 year) shifting from 12% in FY16 to 87% in H1FY21
- Weighted avg. cost of debt has come down from 10.9% in FY16 to 9.2% in H1FY21
- Stitched fully-funded capex program

#### **Credit Quality**

- Consistently maintained investment grade rating since 2016
- Steady performance on various credit metrics like Net Debt/EBITDA, debt service coverage, etc.
- Earnings growth and free cash flow generation to secure coverages

## De-risking to drive lower risk premia and cost of capital

Significantly lowered its risk profile:

- High visibility of cash flows
- Robust growth pipeline through organic and in-organic route
- Commitment to maintain investmentgrade rating
- 2% of total debt profile with short-term maturity (<1 year)</li>
- Fully tied-up capex program for longterm growth

#### Case Study: Development, O&M Efficiencies and Capital Management to create immense shareholder value



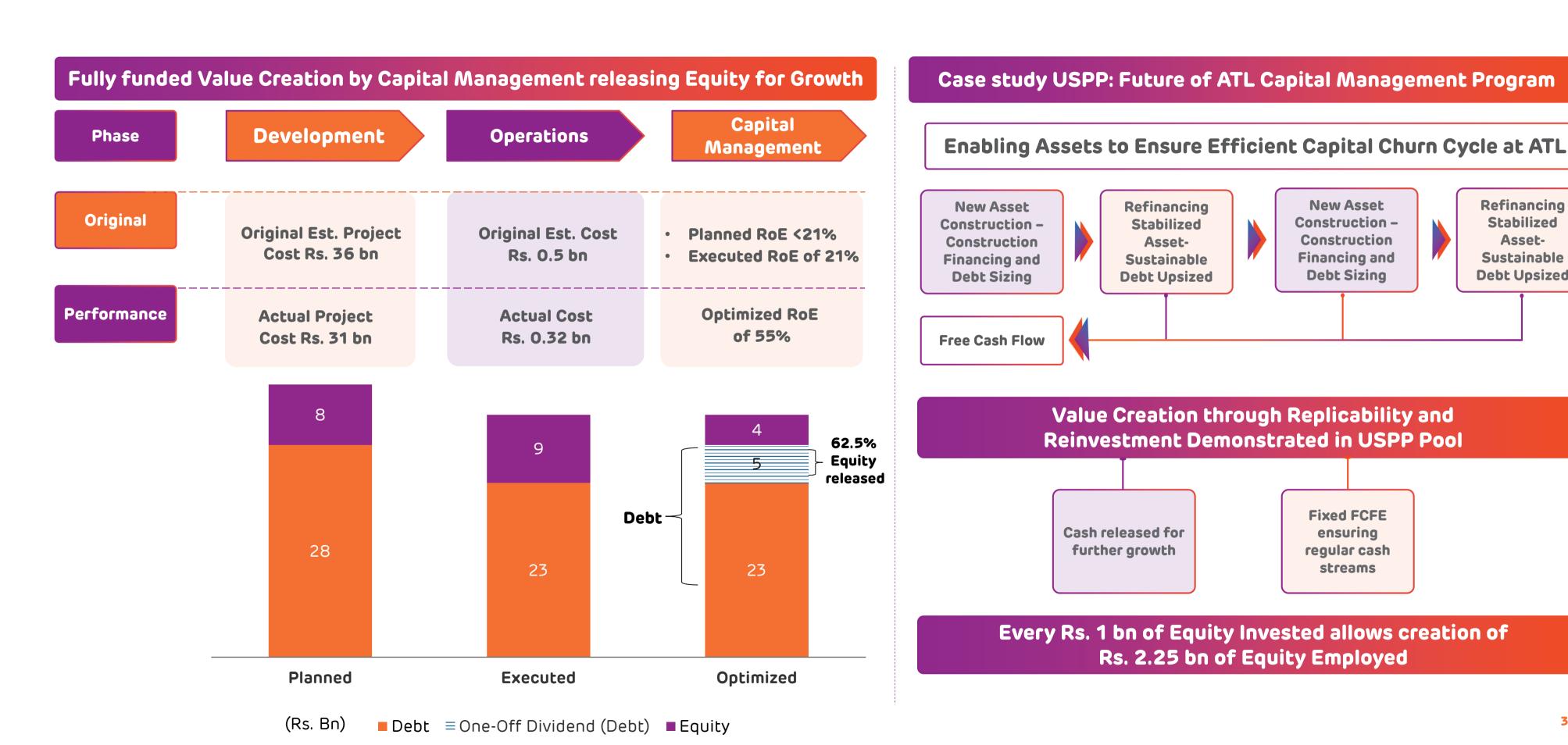
Refinancing

Stabilized

Asset-

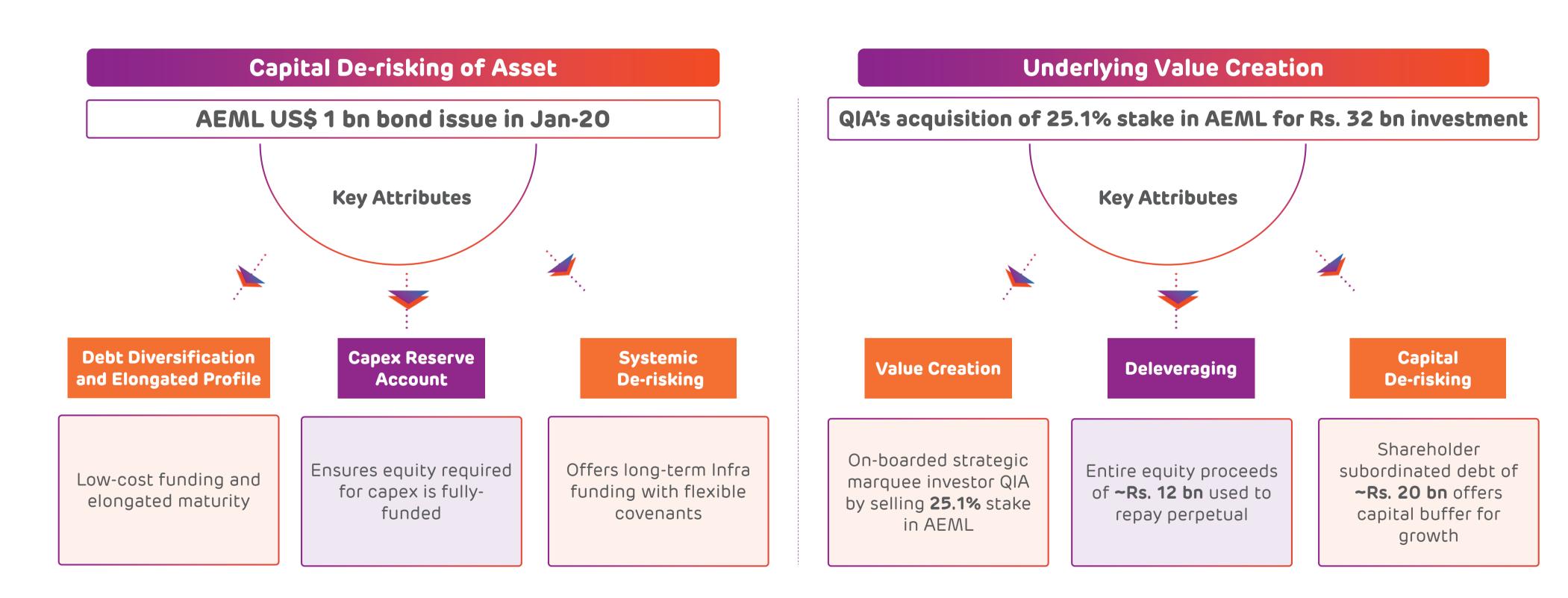
Sustainable

**Debt Upsized** 



# **AEML (Integrated Utility):** Significant De-risking through Capital Management





Rolling capex facility of \$400mn fully-suffice capex plan for next 10 years ensuring smooth execution path

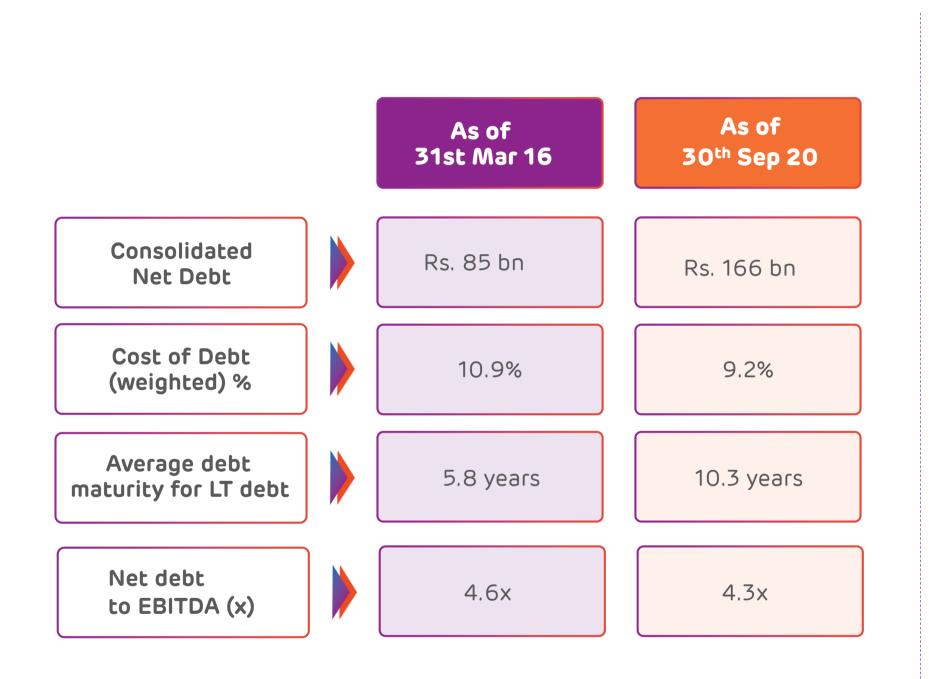
# **ATL**: Capital Management Program Demonstrating Global Excellence

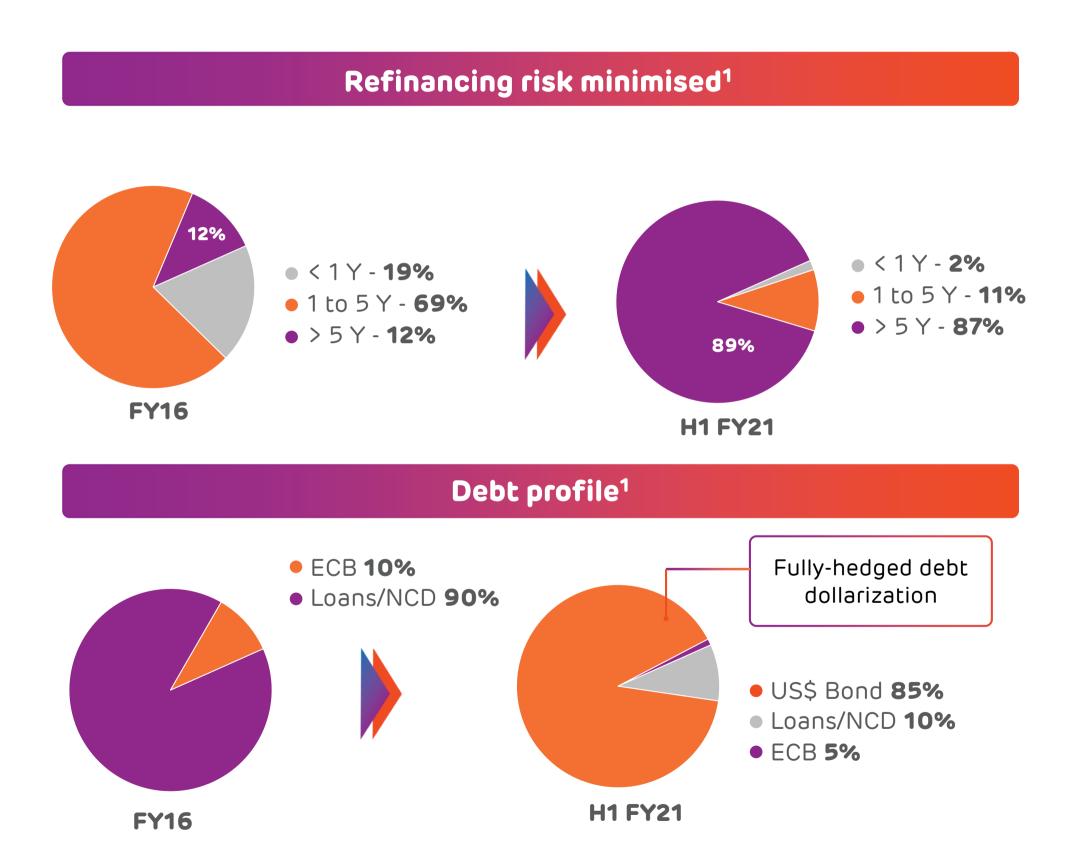


| Highlights                                   | Obligor 1   | Obligor 2                            | USPP   | AEML                                |
|--|---|--------------------------------------|--|-------------------------------------|
| Asset  | ATIL MEGPTCL  |                                      | STL, ATRL, CWRTL, RRWTL, PPP-8,9,10                              | AEML                                |
| FY20 Operational EBITDA (Rs. Crs)            | 1,683   |                                      | 596  | 1,805                               |
| Tenor  | 10 year   | 16.5 year                            | 30 year  | 10 year                             |
| Issue size (USD mn)                          | US\$ 500 mn   | US\$ 500 mn                          | US\$ 400 mn  | US\$ 1000 mn                        |
| Refinance Risk / Bond Structure              | Bullet debt<br>Structure  | Amortizing debt structure            | Amortizing debt structure  | Bullet debt<br>structure            |
| Counterparty Risk / Quality of earnings Risk | EBITDA: 45% from Central projects 55% from State projects   |                                      | EBITDA: 78% from<br>Central projects;<br>22% from State projects | End users                           |
| International Credit Rating                  | BBB- (S&P, Fitch)/<br>Baa3<br>(Moody's)   | BBB- (S&P, Fitch)/ Baa3<br>(Moody's) | BBB- (Fitch)/<br>Baa3 (Moody's)                                  | BBB- (S&P, Fitch)/Baa3<br>(Moody's) |
| Robust Structural Protections                | Standard project finance features Clean first ranking security Unique covenants linked to EBITDA performance providing credit quality protection over project life Detailed reporting covenants |                                      |  |                                     |

# ATL's Capital Management Program brings diversity and elongated maturity to firm's debt profile







Notes: 1) Debt excludes perpetual equity and shareholder affiliate debt (sub debt)

# ATL is rated Investment Grade from FY16 and beyond



## International-Obligor Group

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

#### International - USPP

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

#### International- AEML

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

#### Domestic

| Rating Agency | Facility | Rating/Outlook |
|---------------|----------|----------------|
| India Ratings | NCD      | IND AA+/stable |

#### **SPV Ratings - Domestic**

| Company | Rating Agency       | Rating | Outlook |
|---------|---------------------|--------|---------|
| ATL     | CARE, India Ratings | AA+    | Stable  |
| AEML    | India Ratings       | AA+    | Stable  |
| WTGL    | India Ratings       | AA+    | Stable  |
| WTPL    | India Ratings       | AA+    | Stable  |
| MTSCL   | CARE                | А      | Stable  |
| ATSCL   | CARE                | А      | Stable  |
| ATBSPL* | India Ratings       | AA-    | Stable  |
| FBTL    | CARE                | A-     | Stable  |
| NKTL*   | Brickwork           | A-     | Stable  |
| OBTL    | Brickwork           | A-     | Stable  |

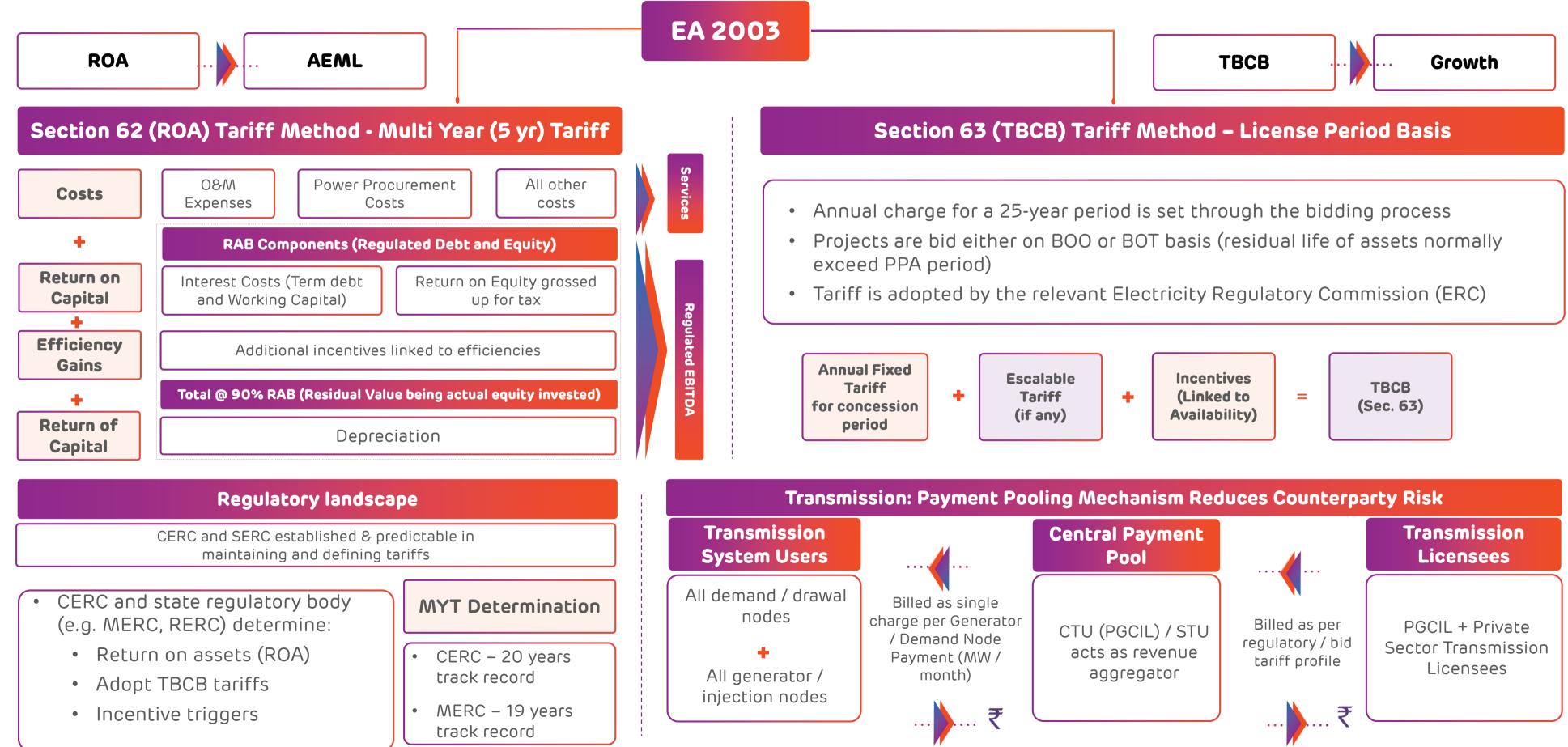
Notes: NKTL and ATBSPL rating is provisional



# Regulatory Landscape and

# **ATL:** Regulatory Framework



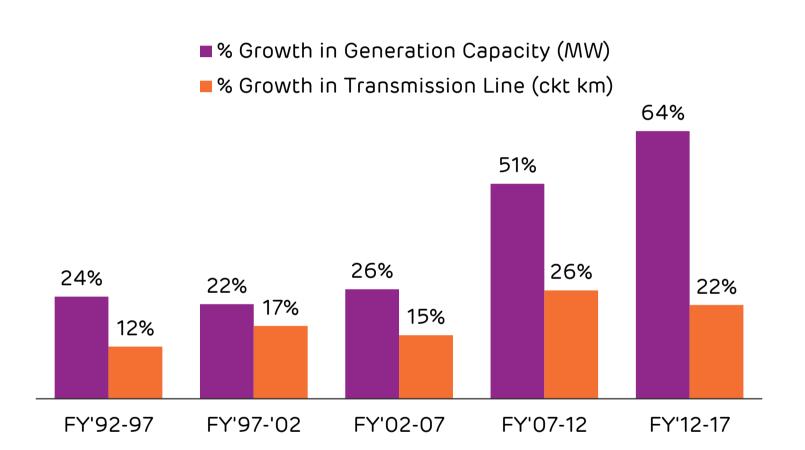


# **Sector Outlook**: Indian Transmission Sector Poised for Significant Growth



#### Robust growth outlook driven by strong policy support

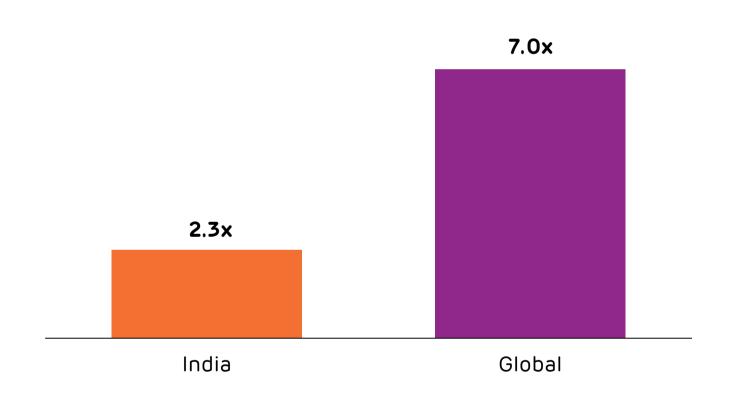
#### Significant under-investment in Transmission sector historically...<sup>(1)</sup>



~Rs. 8.2 trillion market opportunity till FY 2029

Mandatory competitive bidding has created a level playing field for private players

#### ...resulted into very low MVA/MW ratio in India<sup>(2)</sup>



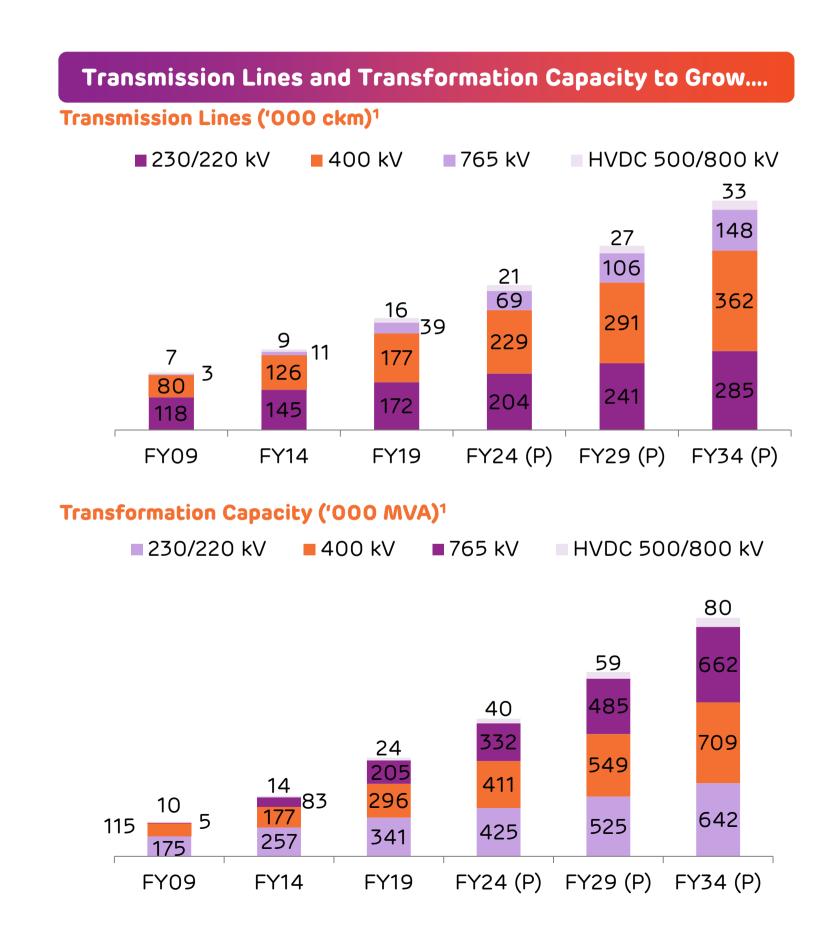
Schemes like UDAY, 24x7 Power for All, Village Electrification etc. strengthening the value chain

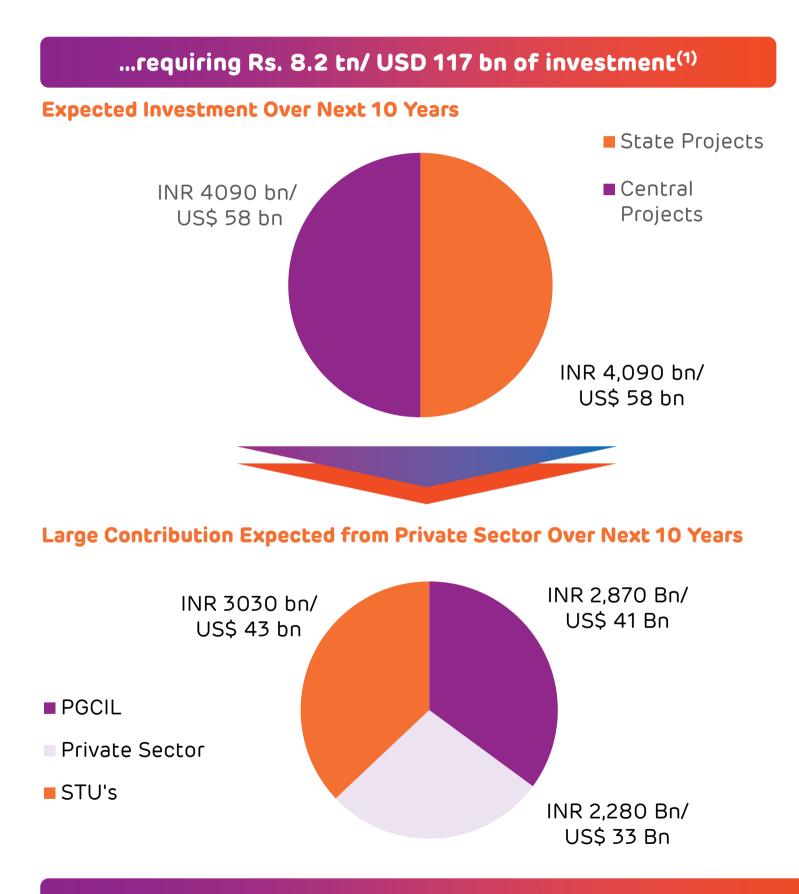
Private sector has won 42 projects out of total 62 awarded since Feb-15<sup>(3)</sup>

#### ATL had 37% market share in transmission bids in FY20

# **Size of Opportunity**: Investment of Rs. 8.2 tn/ USD 117 bn expected in Indian Transmission over the Next Decade









## ATL: ESG Performance – FY20







Auxiliary Power Consumption 346.53MUs



7.5 % \\*

Scope 1 Emission 3187008 TCo<sub>2</sub>e



7.45 %<sup>†</sup>\*

Solar Power Generation 2.73 MUs



1.835 MW

Solar Panel



**6.23 %** ↓\* Fresh Water Withdrawal

1816997 KL



**31.62 % \**\*

Hazardous Waste Generation 93.10 MT



1.23 Million

Trees planted Cumulative Terrestrial Plantation



195.4 Ha - Afforestation

Mangrove



94.54 %

**Local Procurement** 



4.4 %

**Employee Turnover** 

## **ESG Standing**

Engaging with S&P on extensive ESG Evaluation at ATL for Global ESG rating

### **ESG Focus Area**

- Efficient use of water and energy from cleaner sources
- Reduction of emission levels
- Zero tolerance for fatalities

Note: \*Compared to FY19; #Current Capacity; ^Excludes AIMSL

# ATL: Key ESG Metrics and Initiatives



# **Environment**

#### **CO2** emissions

- Scope 1 (TCO2e): 31,87,008
- Scope 2 (TCO2e): 24,509

#### Water

- Fresh Water (KL): 18,16,997
- Water recycled (KL): 2,04,494

#### Waste

- ~40 KL Waste generated of used oil
- 100% fly ash utilization at Dahanu

#### Land use (AEML - Dahanu)

- ~148 hectares of green belt
- Planted 2 Cr mangroves
- Afforestation of ~283 hectares

## Social

#### Workforce and diversity

- Employee diversity
- 98,001 man-hours of training

#### Safety management

- Over 57,236 man-hours safety training
- Zero Accident Vision
- SafeEye, SafeConnect, SafeAlert

#### Consumer engagement (AEML)

- Concessional tariff during religious festivals / community prayers
- 25 Payment options available
- Multilingual (4) service offerings
- 99.99% supply reliability
- Adoption of advanced technologies like SCADA, DMS, OMS and GIS

#### Communities

- Skilling for needy women through National Skill Training Institute (Women)
- Providing subsidized education
- Nurture women leaders from the community, who then become change makers

# Governance

#### Structure and oversight

- Independent board
- Business Responsibility Policy

#### Code and values

- Code of conduct
- Whistle blower policy
- Anti-bribery and anti-slavery policy
- Remuneration policy

#### Transparency and reporting

- Material events policy
- Related Party Transactions
- Integrated Reporting framework

#### Cyber risks and systems

- Customer data protection
- Data privacy audit

Notes: TCO2e: Ton CO2 Equivalent

# ATL: Inculcating Safety Culture



# Safety Initiatives during the year

- 53,475 man-hours of safety training and awareness
- Virtual cross safety audit is completed across O&M sites
- Conducted first-aid awareness and work at height training for O&M and project team
- With launch of Started safety related functional areas (SRFA) for all sites, training was conducted for 120 employees of O&M at multiple locations

# Safety Performance in Q2FY21

| Safety Parameters          | Q2 FY21 | Q2 FY20 |
|----------------------------|---------|---------|
| Reportable Incident        | 02      | 00      |
| Fatalities                 | 00      | 00      |
| LTIFR (LTI Frequency Rate) | 0.41    | 00      |
| LTISR (LTI Severity Rate)  | 5.99    | 6.92    |
| Training Hours             | 36806   | 7590    |



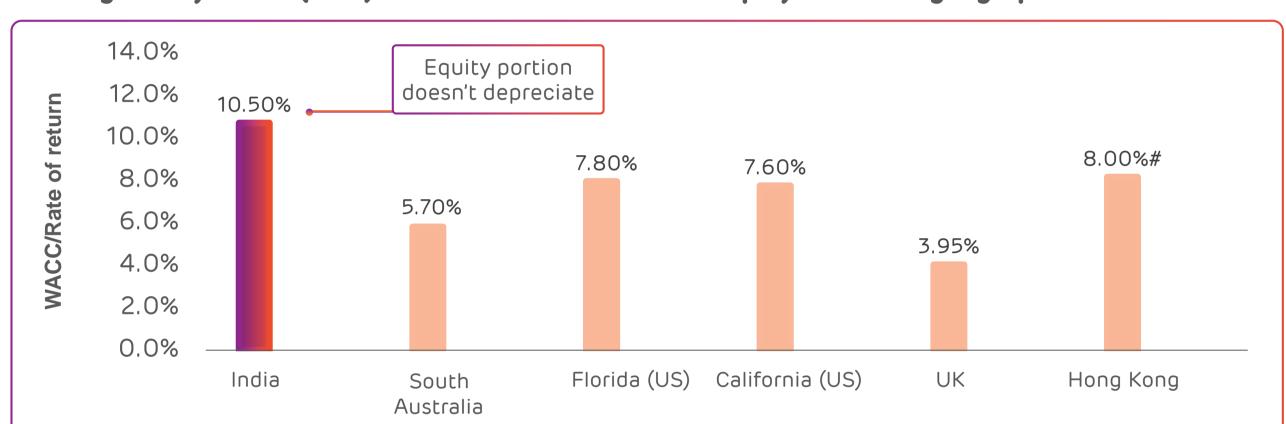




# Global Benchmarking: Regulatory Framework



#### Regulatory return (ROA) framework for transmission players across geographies





# **Key Highlights**

- ATL's rate of return will normalize over the period as our assets mature
- Our financing plan/capital management structure neutralizes a fall in equity returns through covenant structure like backstop, PLCR etc.
- Incentive/penalty over and above regulated return to encourage network efficiency
- AEML: 1.5%
- ATL: ~1.2%

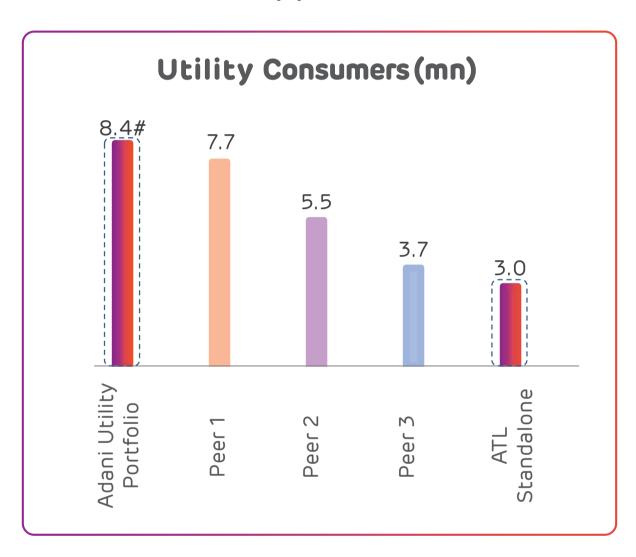
**Note:** ATL return has been taken to represent India; Notional gearing for UK; #Based on ROA – Return on Average Net Fixed Assets irrespective of how they are financed; PLCR: Project Life Cover Ratio

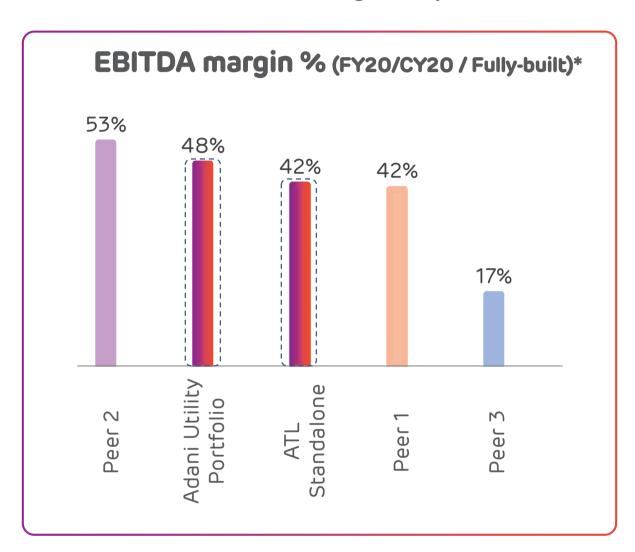
**Source:** Australian Energy Regulator, Florida Public Service Commission, California Public Utilities Commission, OFGEM (UK), Scheme of Control Agreement Hong Kong

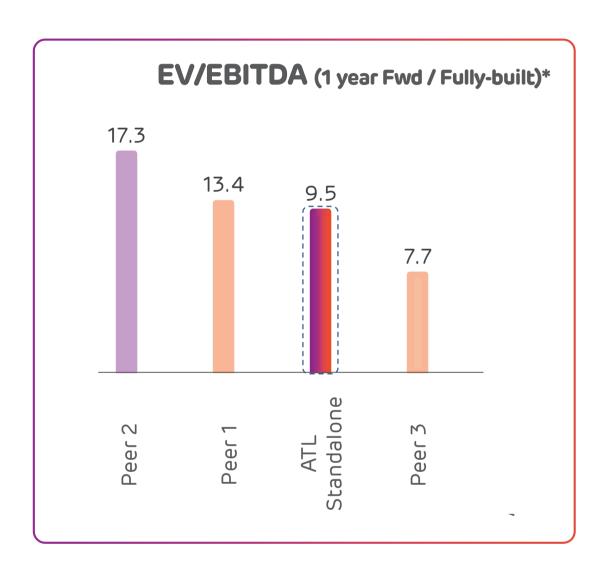
# Global Benchmarking: Adani Utility Portfolio vs. Global Utility peers



#### ATL and Adani Utility portfolio fares in line or better on various metrics with global peers







| Company | Credit Rating  | ESG Rating (MSCI) |
|---------|----------------|-------------------|
| Peer 2  | Baa2/BBB/BBB   | AAA               |
| Peer 1  | Baa1/BBB+/BBB+ | BBB               |
| Peer 3  | Baa2           | BBB               |
| ATL     | Baa3/BBB-/BBB- | А                 |

**Notes:** 1) We have taken NextEra, Duke Energy, AGL Energy as peers for benchmarking analysis, :
2) Benchmarking as per internal analysis: 3) Above comparison includes Adani Transmission, Adani Green, Adani Gas and Adani Power as a Integrated Utility; 4) Credit Ratings: NextEra: NEE 5.65 05/01/2079; Duke: DUK 3.4 06/14/2029; AGL Energy: AGLAU 5.28 09/08/2025; ATL: USPP Issue

#Assuming 50% of addressable market (10mn consumers) of Adani Gas will be tapped;

\*EV/EBITDA and EBITDA margin % for Adani Integrated Utility is on fully-built discounted basis; EBITDA margin for ATL is FY20 and Peer group is CY19.

# ATL: Harnessing Innovation and Technology to Drive Excellence





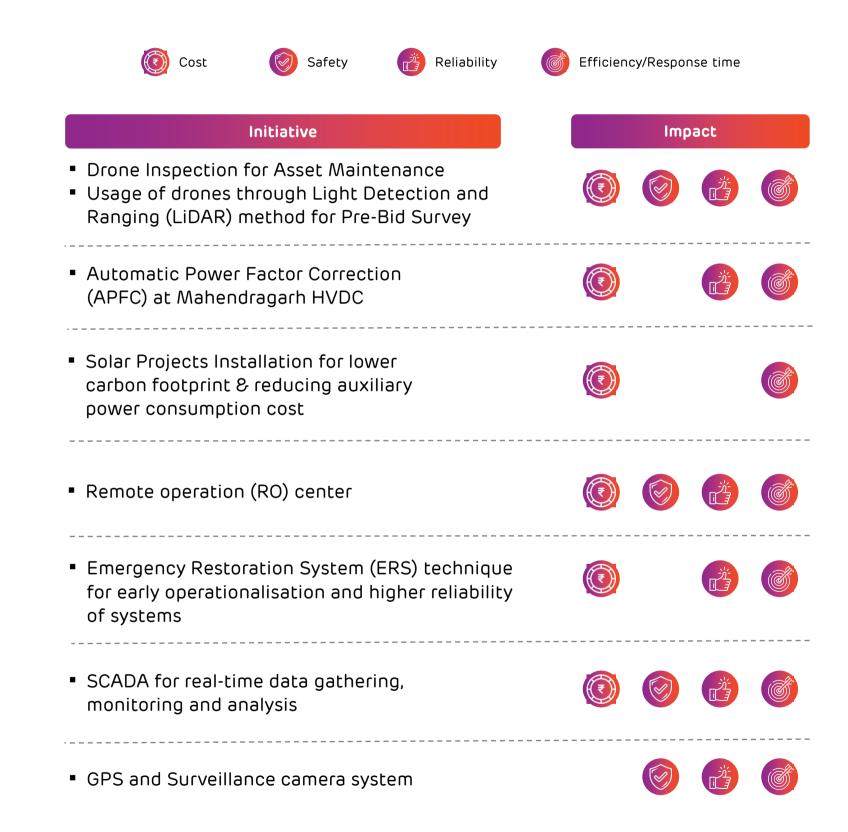






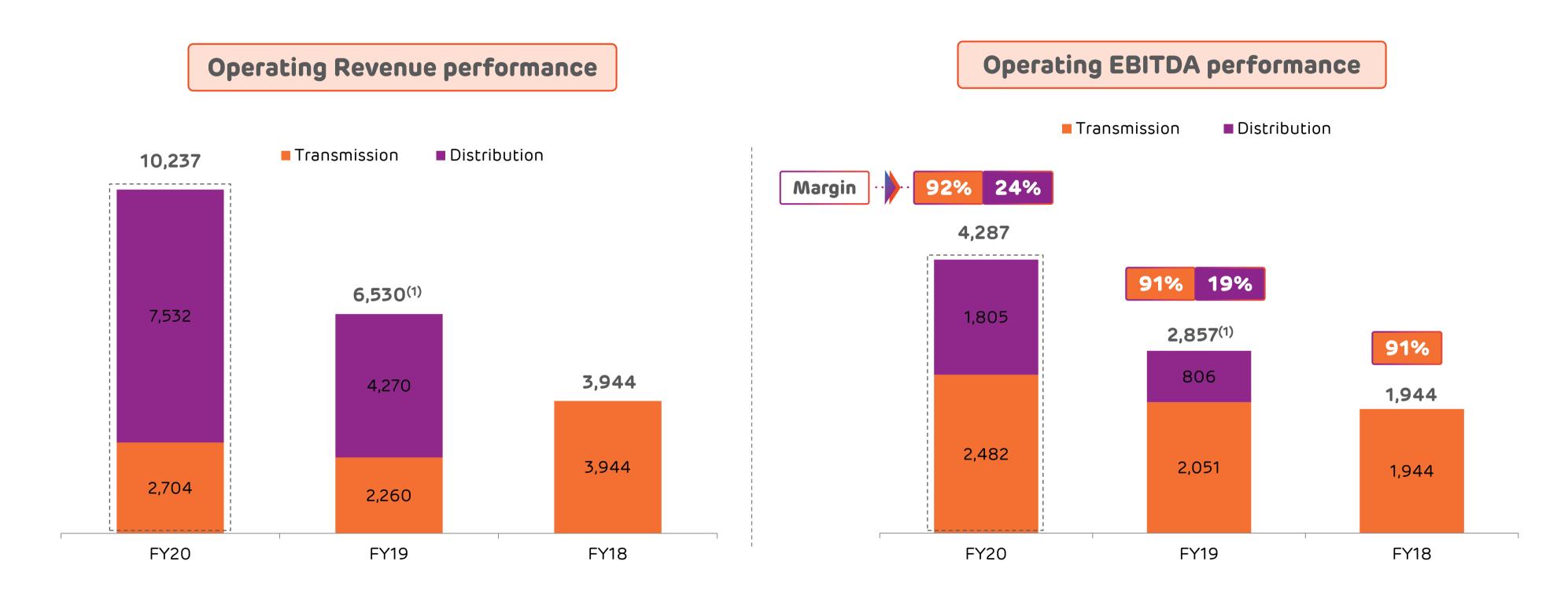






## ATL: Revenue and EBITDA trend

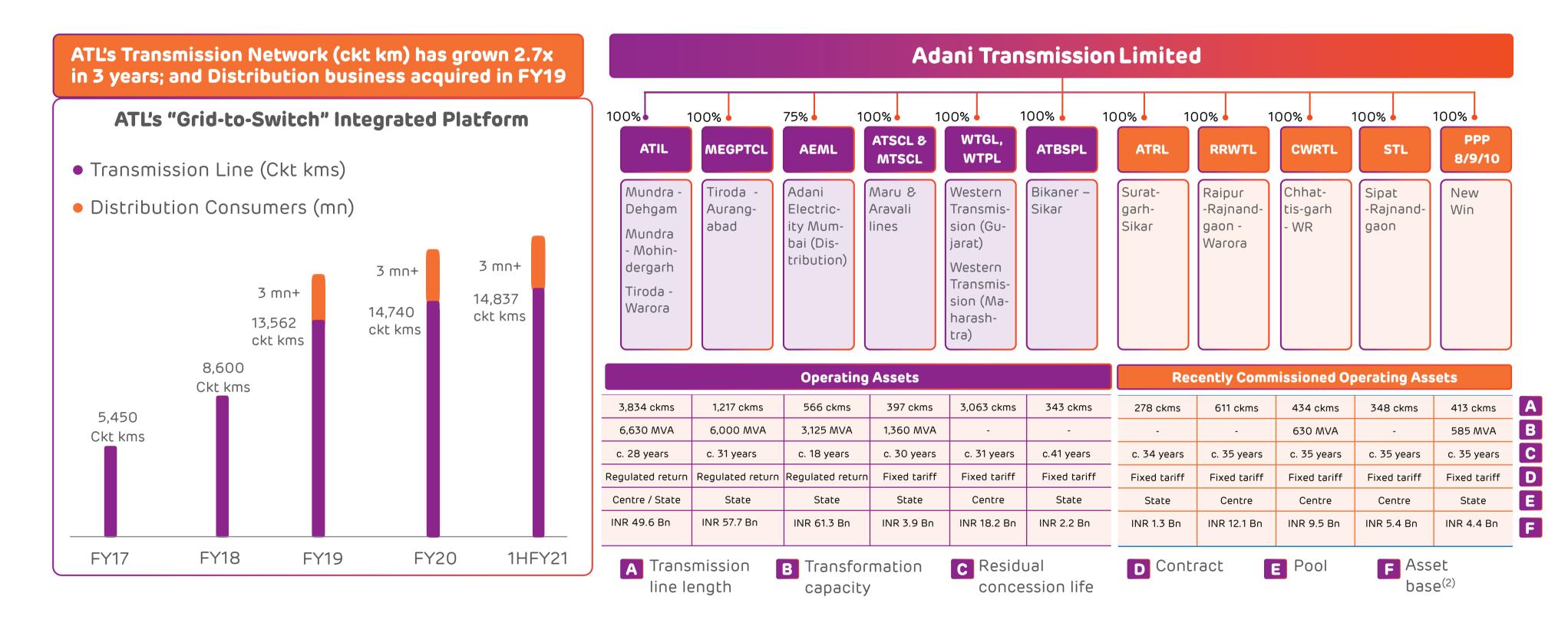




## Continue to deliver strong EBITDA performance

# ATL's Evolution and Operational Portfolio

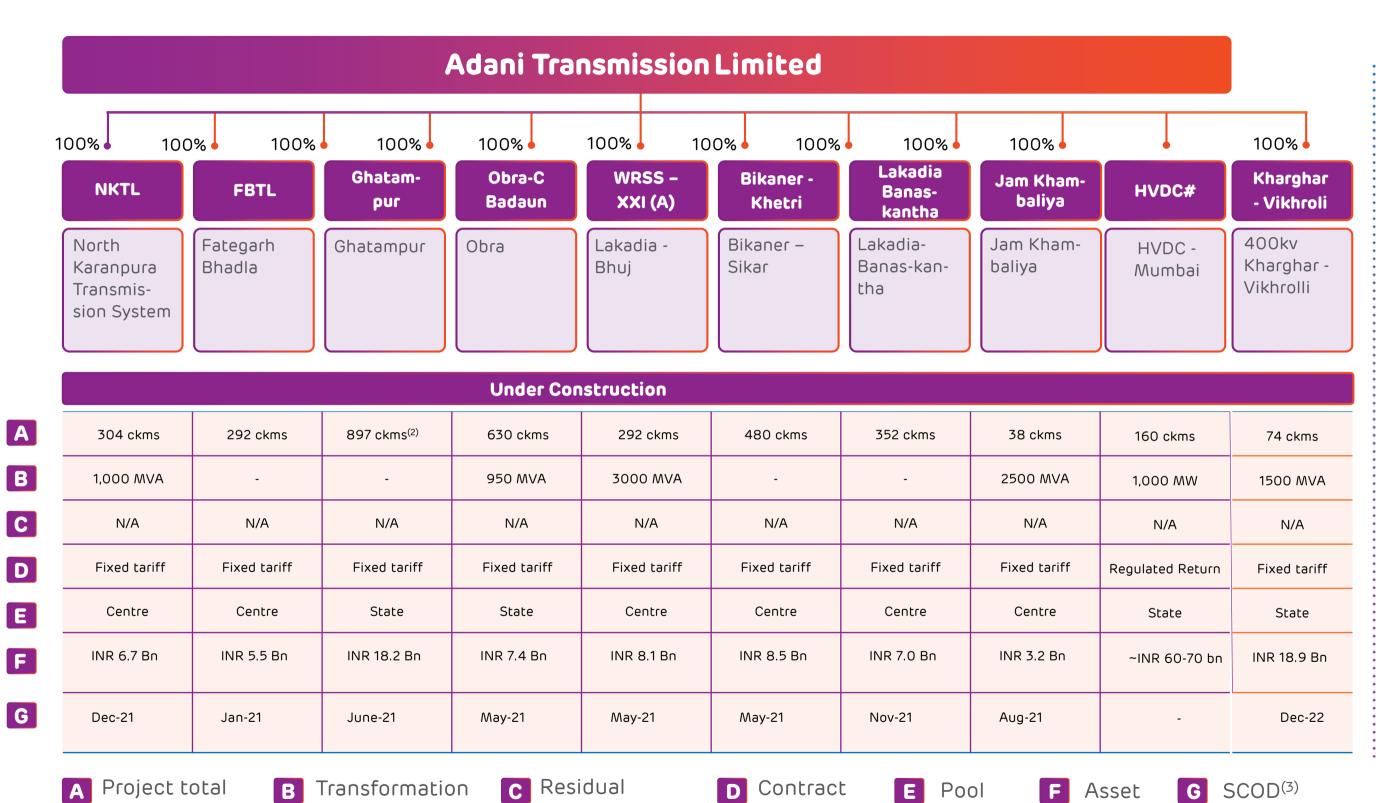




**Notes:** Route length (ckt-kms) as of 30<sup>th</sup> Sept. 2020; ATIL - Adani Transmission Co. Limited; MEGPTCL - Maharashtra Eastern Grid Power Transmission Co. Limited; AEML: Adani Transmission Bikaner Sikar Private Limited; STL - Sipat Transmission Limited; RRWLT - Raipur Rajnandgaon Warora Transmission Limited; CWTL - Chhattisgarh WR Transmission Limited; ATRL - Adani Transmission Service Company Limited; ATSCL - Aravali Transmission Service Company Limited; MTSCL - Maru Transmission Service Company Limited; ATSCL - Aravali Transmission Service Company Limited; MTSCL - Maru Transmission Service Company Limited; ATSCL with an option to acquire balance 26% in a manner consistent with Transmission Service Agreement and applicable consents; (2) Asset base for operational assets as of March-2020; Mumbai GTD / BSES - as per proposed funding plan.

# ATL: Locked-in Growth from Under-construction projects



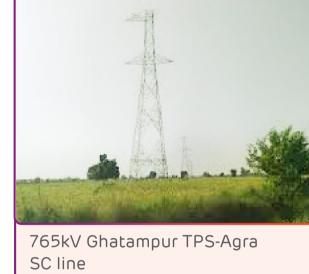


type

concession life



400 kV pooling station work at Fatehgarh 2 (FBTL Line)





Completion of tower foundation work at North Karanpura-Chandwa (NKTL)



160 MVA ICT-2 foundation work at Badaun Sub-station (Obra line)

capacity

line length

base<sup>(1)</sup>



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#### **Investor Relations:**

#### **MR. VIJIL JAIN**

Investor Relations

✓ Vijil. Jain@adani.com



#### MR. MANDAR DHAVLE

Investor Relations

Mandar.Dhavle@adani.com

+91 79 2555 8494







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