

22<sup>nd</sup> October, 2020

BSE Limited	National Stock Exchange of India Limited
P J Towers,	Exchange plaza,
Dalal Street,	Bandra-Kurla Complex,
Mumbai – 400001	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 19<sup>th</sup> October, 2020, with respect to participation in the event "Interact with Adani Electricity (organized by Edelweiss Securities)", 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** 

A

Jaladhi Shukla Company Secretary Encl – As Above

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Registered Office: Adani Corporate House, Shantigram, Near Vaishno Devi Circle, S. G. Highway, Khodiyar, Ahmedabad – 382 421

# adani

## Adani Electricity Mumbai Limited

## **Investor Presentation**

October 2020

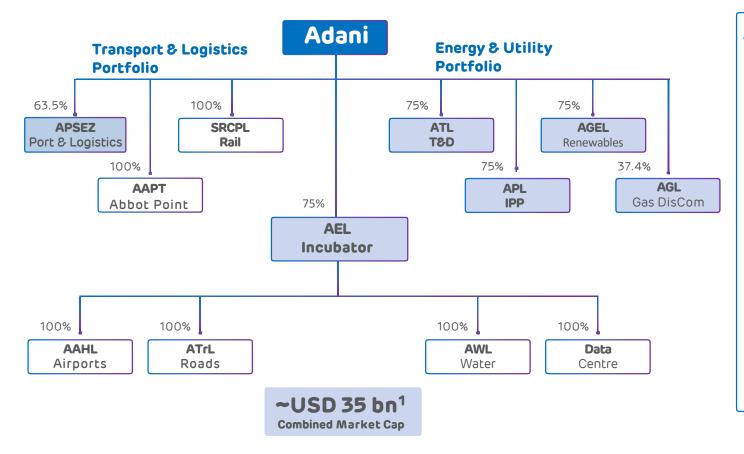
## Contents

01	Adani Group Overview	3-5
02	AEML – Business Overview	8-9
03	Regulatory and Operating Framework	11-14
04	Business Lever – Capex driven Growth in RAB	16-17
05	Capital Management Program and Investment Case	19-20
06	Annexure	23-41



## Adani Group Overview

## Adani Group: 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 six airports in the country
- Locked in Growth 2020 -
  - Transport & Logistics -Airports and Roads
  - Energy & Utility Water and Data Centre

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

#### 1.As on September 09, 2020, USD/INR – 73.5 $\mid$ Note - Percentages denote promoterholding Light purple color represent public traded listed verticals

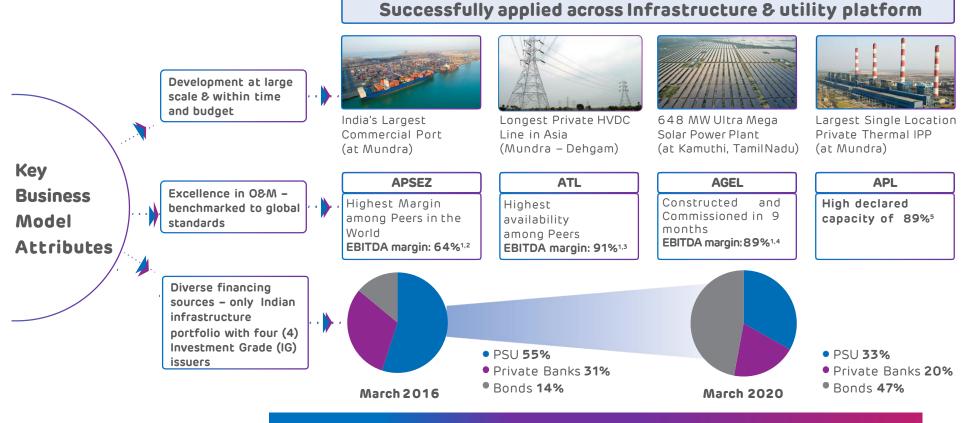
# Adani Group: Repeatable, robust & proven model of infrastructure development

Phase	se Development					Post Operations	
	Origination	Site Development	Construction		Operation		Capital Mgmt
Activity	<ul> <li>Analysis &amp; market intelligence</li> </ul>	<ul> <li>Site acquisition</li> <li>Concessions and regulatory</li> </ul>	<ul> <li>Engineering &amp; design</li> </ul>		Life cycleO&M planning Asset	•	Redesigning the <b>capital structure</b> of the asset
	Viability analysis Strategic value	agreements Investment case development	Sourcing & . quality levels Equity & debt funding at project		Management plan	_	Operational phase funding consistent with asset life
	<ul> <li>Redefining the space e.g.</li> <li>Mundra Port</li> </ul>	<ul> <li>Envisaging evolution of sector e.g. Adani Transmission</li> </ul>	<ul> <li>Complex developments on time &amp; budget e.g.</li> <li>APL</li> </ul>		O&M optimisations e.g. Solar plants	is	uccessfully placed 7 ssuances totalling USD4Bn in FY20
Performance						n	All listed entities naintain liquidity cover of 1.2x- 2x for FY21.
						р	ocus on liquidity lanning ensures emaining stress free.

#### Low capital cost, time bound & quality completion providing long term stable cashflow & enhanced RoE

EPC – Engineering, Procurement and Construction, IG – Investment Grade, O&M – Operations & Maintenance, RoCE – Return on Capital Employed, AEML – Adani Electricity Mumbai Limited, APSEZ – Adani Ports and Special Economic Zone Limited, ATL – Adani Transmission Limited, AGEL – Adani Green Energy Limited, QIA – Qatar Investment Authority

# Adani Group: Repeatable, robust business model applied to drive value



The dominant Infrastructure platform that re-defines respective industry landscape.

Note: 1 Data for FY20; 2 Excludes forex gains/losses; 3 EBITDA = PBT + Depreciation + Net Finance Costs – Other Income; 4 EBITDA

Margin represents EBITDA earned from power sales and exclude other items; 5 FY20 data for commercial availability declared under long term power purchase agreements.

## AEML – Emulating Group Philosophy

Large scale Integrated electric utility	Over 3.05mn households ~12mn consumers	<b>6,575</b> substations <sup>2</sup> <b>24,638 km</b> cable <sup>2</sup> <b>566 ckt km</b> Transmission network <sup>2</sup>	<b>1,964 MW</b> Peak Demand <sup>3</sup> <b>10,335 MUs</b> Consumption <sup>3</sup>
High Quality of Service	Committed to <b>Green Initiatives</b> Target Renewable procurement – 30% by 2023 50% by 2025	<b>99.99% supply reliability<sup>3</sup></b> 7.37% distribution losses <sup>3</sup> SAIDI – 34.18 mins <sup>3</sup> SAIFI – 1.24 <sup>3</sup>	<b>Committed to providing</b> <b>affordable power</b> Reduction of Power purchase cost by 22.18% <sup>4</sup>
Capital Management and Strategic Partnership	<b>Fully funded</b> capex plan for <b>asset hardening</b> to ensure reliable and affordable power	<b>Onboarding of QIA</b> as a strategic partner for robust growth and governance	<b>Baa3/ BBB-/ BBB-</b> <sup>1</sup> International Investment Grade Rating <b>IND AA+/ Stable</b> <sup>1</sup> Domestic Rating for WC

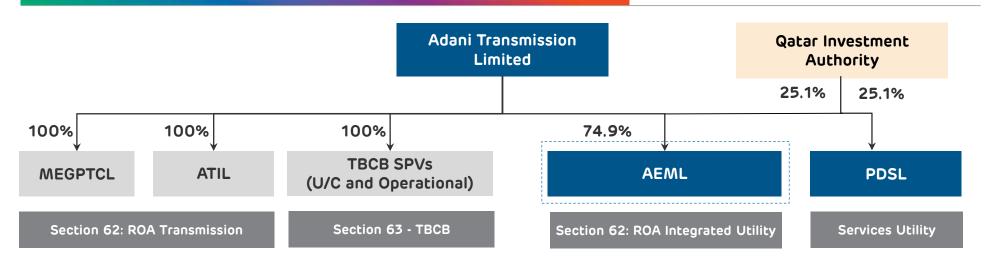
SAIDI - System Average Interruption Duration Index, SAIFI - System Average Interruption Frequency Index, ckt km – circuit kilometers, sq. km – square kilometers, MW – Mega Watt, MU – Million Units, NR

1. IG Ratings from Moody's / Fitch/ S&P, Domestic rating from India Rating for Working Capital 2 - as of 30 Sept 2020, 3 - FY 2020 numbers, 4 - in FY 20 compared to FY 19,



## AEML – Business Overview

## AEML – Structure and Asset Description



#### **Brief Asset Description**

Adani Electricity Mumbai Limited (AEML) is an integrated utility acquired by ATL in Aug 2018 :

- Generation Embedded generation critical for electricity supply for Mumbai consumers
- **Transmission** Transmission lines forming part of the Maharashtra state transmission system
- Wires Electricity supply infrastructure serving over 400 sq. km
- **Retail** Supply of electricity to ~ 12mn consumers

AEML is a Rate of Return Asset (the asset being the RAB) under Section 62 of Electricity Act, 2003.

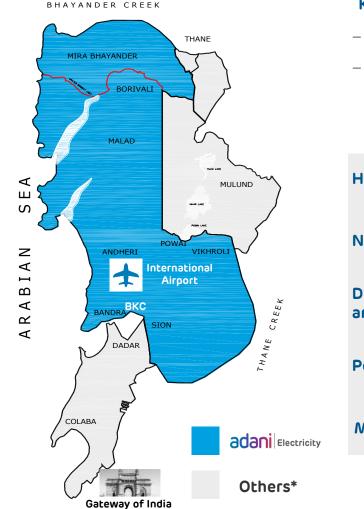
Qatar Holding LLC, a wholly owned subsidiary of **Qatar Investment Authority (QIA) acquisition of** 25.1% equity stake in the AEML

#### AEML is a high-quality ROA based asset with no to minimal throughput risk (only in Retail)

LLC – Limited Liability Company, TBCB – Tariff Based Competitive Bidding, MEGPTCL - Maharashtra Eastern Grid Power Transmission Company Limited. ATIL - Adani Transmission (India) Limited, ROA – Rate of Return Assets, SPV – Special Purpose Vehicle, U/C – Under Construction, CP – Condition Precedents

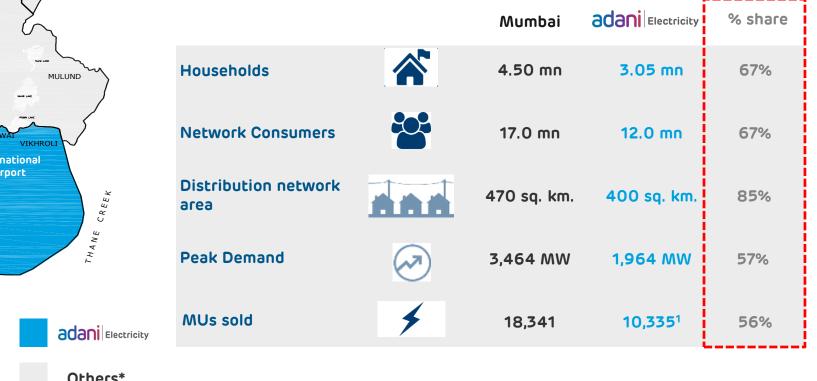
# AEML serves as the largest utility in the "gateway" city of Mumbai

### Servicing 85% of Mumbai's geography, touching 2 out of 3 households in Mumbai



#### Key Characteristics of Mumbai

- India's commercial capital and most populous city
- Among top 10 Global Finance Centers with per capita income at 3x of India



1. This includes the changeover and the open access consumers; \* - Others include BEST, MSEDCL & Tata Power, BKC – Bandra Kurla Complex, MU- Million unit Source – Census 2011, <u>AEML Website</u>

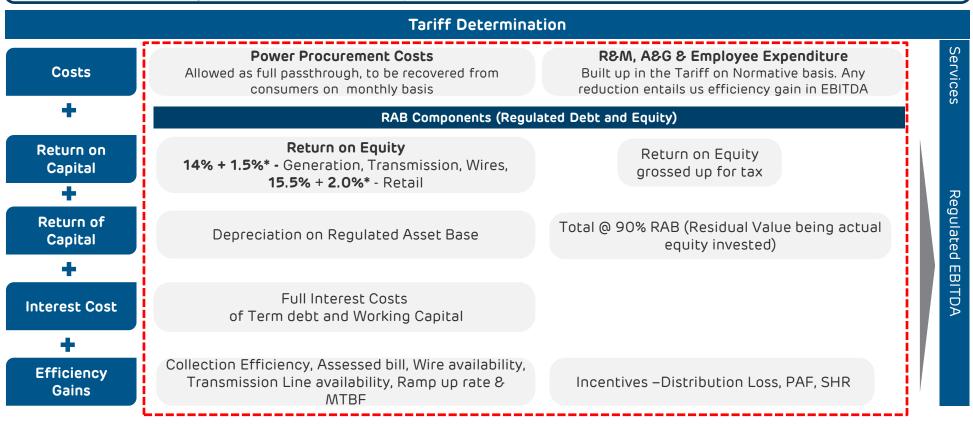


## AEML – Regulatory and Operating Framework

# Business operating in a well-defined and mature regulatory framework...

### Section 62 of Electricity Act 2003

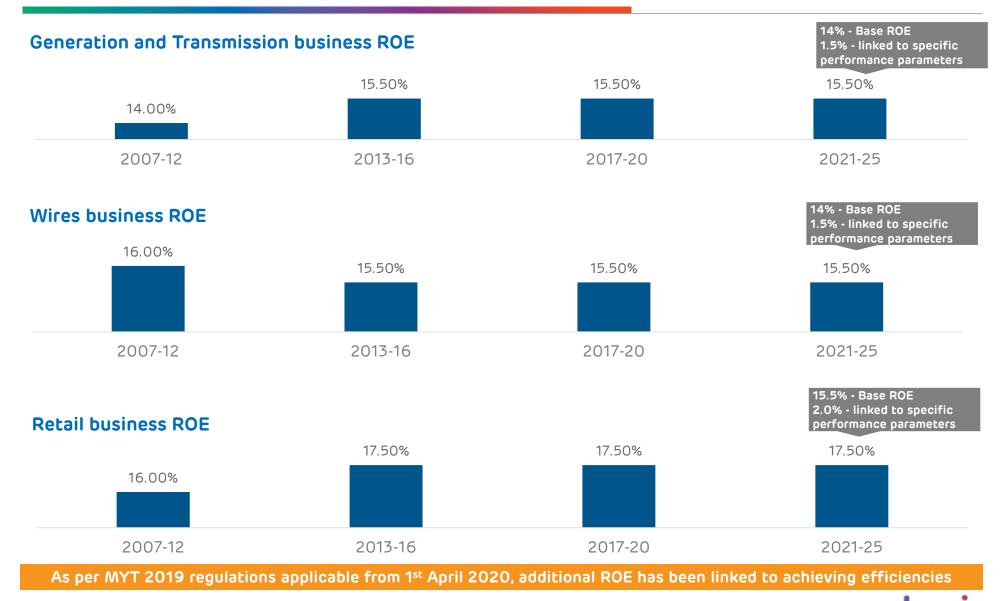
- Ensures Tariff determination based on Aggregate Revenue Requirement (ARR)
- EBITDA in the ARR is related with RAB of the Company
- Any reduction in the sales volume is allowed to be recovered through Revenue Gap mechanism and any increase in Power Purchase cost is recovered through FAC mechanism on monthly basis.



## It can be seen from above that EBITDA of the company is independent of Sale & Volume. Interest on Loan is fully protected by highly predictable EBITDA generated by the business.

\*- Additional ROE on Efficiency parameters, EBITDA – Earnings before interest, tax, depreciation and amortization, ARR – Aggregate Revenue Requirement, R&M – Repair and Maintenance, A&G- Administration & General, RAB – Regulated Asset Base

## ...with a predictable EBITDA and stable return profile



ROE – Return on equity, MYT – Multi Year Tariff

## Currently Pursuing Operating Philosophy of Asset Hardening...

## AEML ensuring highest quality of supply underpinned by 3 pillars

#### SUSTAINABILITY

AEML is committed to increasing share of renewable power procurement from current 3% to 30% till 2023 and 50% till 2025

 AEML has signed a hybrid (solar + wind) 700 MW PPA with minimum guaranteed CUF of 50%

Following initiatives are being taken to ensure sustainability across AEML business

- Usage of Environment friendly Dry and Ester Oil transformers
- Oil Type Switch gears to be replaced by dry type maintenance free switch gears
- LED lamps for street lights reducing carbon footprint

#### RELIABILITY

Reliability of supply ensured by continuous capex

- Capex ensuring asset hardening and modernization
- Investment into modern O&M practices ensuring lower SAIDI and SAIFI
- Protection against outages due to adverse events

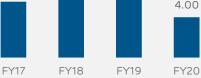
#### AFFORDABILITY

AEML aims to maintain affordable tariff for its 12 mn consumers

- New fixed tariff PPA for procurement of 700 MW hybrid power at INR 3.24 / unit for 25 yrs
- AEML will save on short term power requirement and reduce overall power purchase cost
- Smoothening of FAC resulting in tariff stability for consumers



Average Power Procurement Cost (INR / unit) 4.77 4.86 5.14 4.00



### Optimization of pass through costs helps allows new investment in RAB

#### On account of continuous asset hardening and operational excellence AEML ensured near 100% supply even in Covid

CUF – Capacity Utilization Factor, LED – Light Emitting Diode, SAIDI - System Average Interruption Duration Index, SAIFI - System Average Interruption Frequency Index, FAC – Fuel Adjustment Charge, PPA – Power Purchase Agreement

## ...with minimal impact on consumer tariffs

## We are committed to maintaining affordable tariffs while ensuring high quality of supply



### Average Billing Rate (ABR) - INR /unit<sup>1</sup>

- Nominal ABR CAGR of 2.66% from FY20-30

- Transmission capex has minimal impact on tariff as it is spread over all power consumers in Maharashtra

#### Levers available to minimize consumer tariffs



**Power Purchase Costs** 

- Optimization in power purchase costs
- Improve renewable power mix (Tender for procurement of 700MW renewable energy)
- Renewable tariff fixed over PPA tenor – no escalation in per unit cost



MU Sales Growth

- Position AEML as "supplier of choice"
- Growth in consumers (market share) along with per capita power consumption with rising incomes
- ARR spread over larger number of MUs helping reduce consumer tariffs



#### **Operating Efficiencies**

- Best O&M practices and superior infrastructure to improve efficiencies and reduce losses
- Loss reduction to help reduce power purchase costs

1. Average billing rate in chart excludes impact of past revenue gap and regulatory assets that may be approved for recovery by MERC during the year CAGR – Compounded Annual Growth Rate, PPA – Power Purchase Agreement, MU – Million Unit, O&M – Operations and Maintenance, ARR – Aggregate Revenue Requirement

## Consumer-centricity to continue to appease customers and enhance stickiness

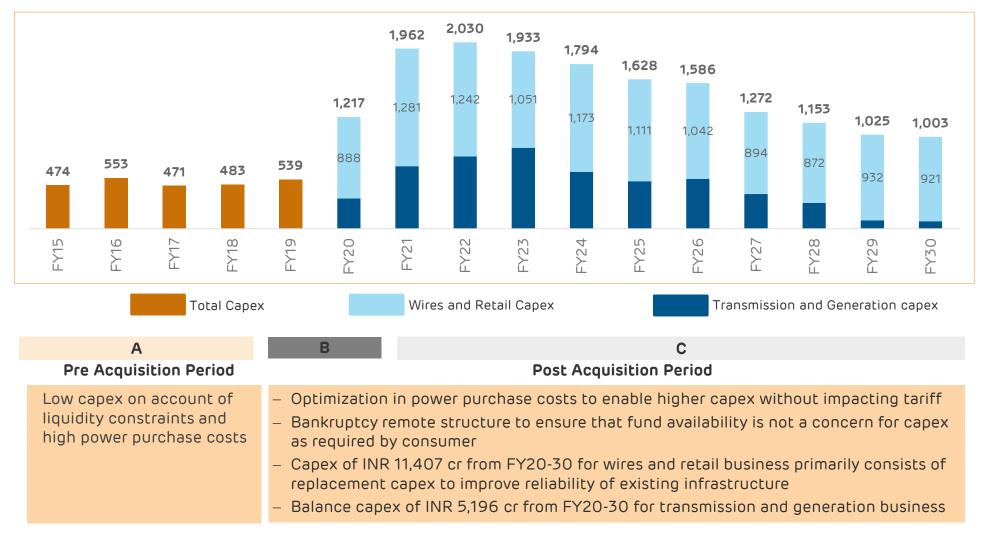




## Business Lever – Capex driven Growth in RAB

# Based on complete future roadmap, AEML has a planned capex outlay of ~ INR 16,603 cr from FY20-30

#### In addition to wires and retail capex, plan is to enhance reliability of supply and upgrade the network



# Past trend of MERC suggests that capex done in line with DPR process is approved in true up / MTR

## Historically, MERC has approved a lower number in its MTR order and finally matches the actual capitalization executed by AEML during its final order for that year

Amount in INR cr	FY	19	FY20		
Action by MERC	MYT approved	MYT approved Final True-up		Provisional True-up	
Capitalization	399	477	138	1,075	

During earlier incumbent period as well, capitalization of 477Cr was approved after initial MYT approval of 399 Cr

FY20 Capex Petition Filed -

Executed INR 1,075 Cr which was approved in the recent MYT order

However, the final capex executed at the end of FY20 was INR 1,217 crores in addition with a WIP of INR 100 crores. In line with historical trend, AEML expects it to be approved going forward.

## MERC has capitalized as per present level of DPR approvals, based on past track record we estimate all capex done in line with the process outlined by MERC, the same shall be capitalized in the MTR order

Capitalization as per rece	Capitalization as per recent MERC order dated 30 <sup>th</sup> March 2020 (All figures in INR cr)							
	FY24	FY25						
Petition filed by AEML	1,665	2,147	1,913	1,821	1,642			
Approved by MERC         1,054         737         534         356         351								
Difference	611	1,410	1,379	1,465	1,291			

AEML intends to do capex in the future with strict adherence to the DPR approval process of MERC



## Capital Management Program and Investment Case

## AEML - Capital Management Program

Capital De-risking	Value unlocking and Deleveraging	Fully-funded Growth
AEML US\$ 1bn bond issuance (bullet maturity and tenor of 10 year)	QIA's acquisition of 25.1% stake in AEML for Rs. 32 bn investment	Rolling capex facility of \$400mn fully suffice capex plan for next 10 years

#### Capital Management Plan

- 10 Years bullet 1bn \$ bond to repay existing debt
- ECB 400 mn \$ revolver to support ongoing capex
- Quasi equity from QIA for INR 2,000 cr to reduce the overall external debt

#### Advantage of Capital management Program

- Redesigning of the capital structure of the asset in line with asset life
- Reduction in Weighted Average Cost of Capital
- Increase in Tenure of debt repayment
- Increase in EBIDTA due to lower cost of capital
- Increase in RAB & EBITDA due to bullet payment of debt

Particulars	Before	After <sup>1</sup>
Average Maturity	15 Yrs	Refinance Perpetually
Rate Of Interest	9.20% p.a	9.05% p.a
Interest Coverage Ratio	1.98X	2.61X
DSCR	1.44X	5.50X
Net Debt / EBITDA	4.68X	3.77X
Net Debt / RAB	1.33X	0.81X

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20

## AEML – Compelling Investment Opportunity

Stable and Predictable Cashflow	<b>Rate of Return asset</b> with stable Cashflow and EBITDA profile ~ 93 years of operating history, part of growth journey of Mumbai
Stable Regulatory Environment	~ 20 years operating history of MERC – <b>proven track record</b> as a regulatory authority <b>ARR determining parameters – majorly unchanged</b> since MYT inception (2003) Forward Looking Approach adopted – <b>linking efficiencies to returns</b>
Consumer Focus	<ul> <li>AEML's 3-pronged approach to consumer service compares well with its global peers</li> <li>Sustainability &amp; Safety- Renewable power procurement</li> <li>Supply Reliability of ~ 100%*, continuous O&amp;M and capex to maintain the same</li> <li>Affordable Power - Despite large capex plan, minimal impact on consumer tariff</li> </ul>
Capex driven Growth in RAB	High capex visibility for 10 next years to drive robust EBITDA expansion Capex is fully-funded through recently concluded Capital Management Program
Strong Sponsorship	Adani Group – India's leading infrastructure conglomerate with significant presence in energy value chain, ports, logistics and other sectors QIA – One of world's largest sovereign wealth fund with investments in marquee infrastructure assets and utilities across world <sup>1</sup>
* - Data as of September 2020, RAB – Reg	ulated Asset Base, MERC – Maharashtra Electricity Regulatory Commission, MYT – Multi Year Tariff, O&M – Operations and maintenance



Appendix



## AEML – Detailed Overview

## AEML – Regulated Utility

	Operating	in Gatewa	y City of	Mumbai
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- **Top 10** Centers of commerce in world
- 6% of India's real GDP
- 4x Per capita income of India

Stable and Evolved Regulatory Regime

### AEML witnessed regulations since 1956

17 yrs	of regulatory orders under
17 915	current Electricity Act 2003

## MERC focus on high quality of supply

## 

Focus on sustainability

**1<sup>st</sup>** Power plant in India to install FGD

Oil type switch gears replaced by dry type maintenance free switch gears

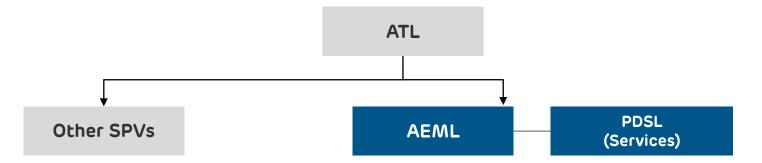
~ 30% Targeted renewable procurement by FY23

## AEML – Asset Details

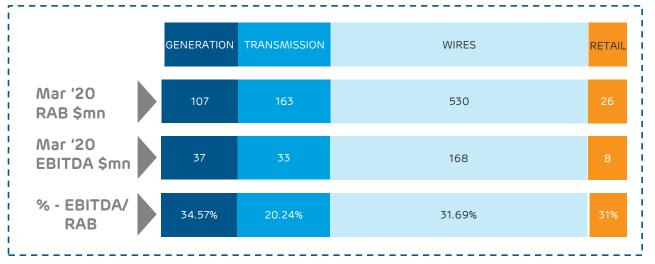
Division	Capacity	License	Key Characteristics	Perform	ance							
Generation	• 2 x 250MW	PPA till	• 100% FGD installed		Plant Ava	ilability %						
		2023	<ul> <li>100% Washed Coal</li> </ul>	14.5% 85.0%	9.2% 85.0%	9.9% 85.0%	6.3% 85.0%					
				FY17	FY18	FY19	FY20					
Transmission	• 566 ckms	Aug 15,	• Part of Maharashtra		Transmiss	sion Availabi	lity %					
	<ul> <li>3,125 MVA</li> <li>220 kV - 117 Bays</li> <li>33 kV - 385 Bays</li> <li>8 Substation</li> </ul>	2036	State Transmission Network	<mark>1.80%</mark> 98.00%	1.84% 98.00%	1.75% 98.00%	1.78% 98.00%					
				FY17	FY18	FY19	FY20					
Wires*	es* • 24,405 kms Aug 15, • Servicing 400 km <sup>2</sup> of		Wires Availability %									
	• PT – 3,896 MVA	2036	Mumbai	1.80%	1.99%	1.99%	1.99%					
	• DT – 5,076 MVA		<ul> <li>100% underground network</li> </ul>	98.00%	98.00%	98.00%	98.00%					
				FY17	FY18	FY19	FY20					
Retail*	• 2.47mn meters Aug 15, Consumer Mix:		Collection Efficiency %									
	• 3.04mn network	2036	2036	2036	2036	2036	2036		1.65%	1.77%	1.53%	4.53%
connections		<ul> <li>Residential 50%</li> <li>Commercial 40%</li> <li>Industrial 10%</li> </ul>	99.00%	99.00%	99.00%	99.00%						
				FY17	FY18	FY19	FY20					
				Ν	ormative		Availabilit over normat					

## AEML – EBITDA Components

### AEML Business comprises of regulated integrated utility with RAB of USD 826 mn\* & unregulated business



#### **REGULATED INTEGRATED UTILITY**



# AEML continuously benchmarks the best O&M practices of international utilities serving gateway cities

### AEML is benchmarking itself against international utilities to further enhance its supply reliability

Service Type		Peer 1	Peer 2	Peer 3
Key Characteristics				
Area (sq. km.)	400	6,734	524,110	129,500
Connected Households (mn)	3.05	2.30	27.50	5.15
Max. Demand (MW)	1,964	9,753	59,100	22,009
Sales in MUs (incl. Wheeling)	10,335	40,684	272,400	84,654
Consumption / Consumer/ Month	280	1,474	825	1,370
Performance Parameters				
SAIDI (# min / Consumer / year)	34.18	56.10	50.13	71.25
SAIFI (# events / Consumer / year)	1.24	0.80	2.07	0.72
CAIDI (SAIDI/SAIFI)	31.57	70.0	24.2	99.0

Note: We have taken EDF - Électricité de France, SCE – Southern California Edison and PSEG - Public Service Enterprise Group as peers for above benchmarking. Data for AEML as of 30<sup>th</sup> Sep 2020, rest peers as of Calendar Year 19

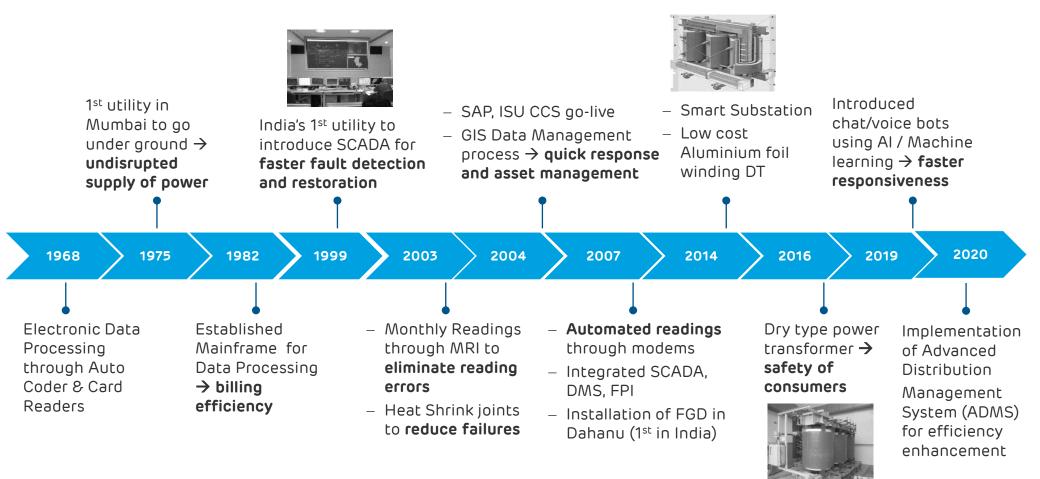
SAIDI - System Average Interruption Duration Index, SAIFI - System Average Interruption Frequency Index, CAIDI - Customer Average Interruption Duration Index, MU – Million Units



AEML – Technology and Consumer Centricity at the core of operations

# AEML has pioneered adoption of ground breaking technologies since inception

### These technological advancements have helped AEML create robust systems and processes infrastructure

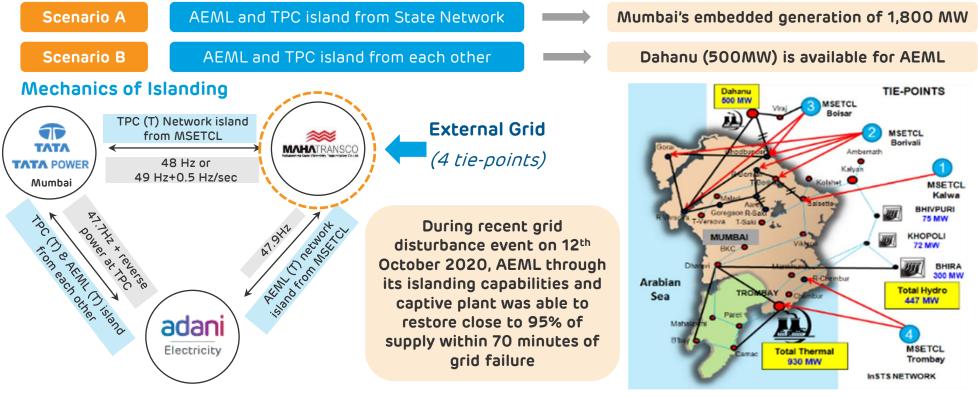


SCADA – Supervisory Control and Data Acquisition, MRI – Meter Reading Instrument, SAP – Systems, Applications and Products, ISU CCS – Industry Specific Utilities Customer Care and Services, GIS - Geographic information system, DMS – Distribution Management system, FPI – Fault Passage Indicator, FGD – Flue Gas Desulphurization, DT – Distribution Transformer, AI – Artificial Intelligence

# Mumbai network design significantly minimizes disruptions from grid disturbances

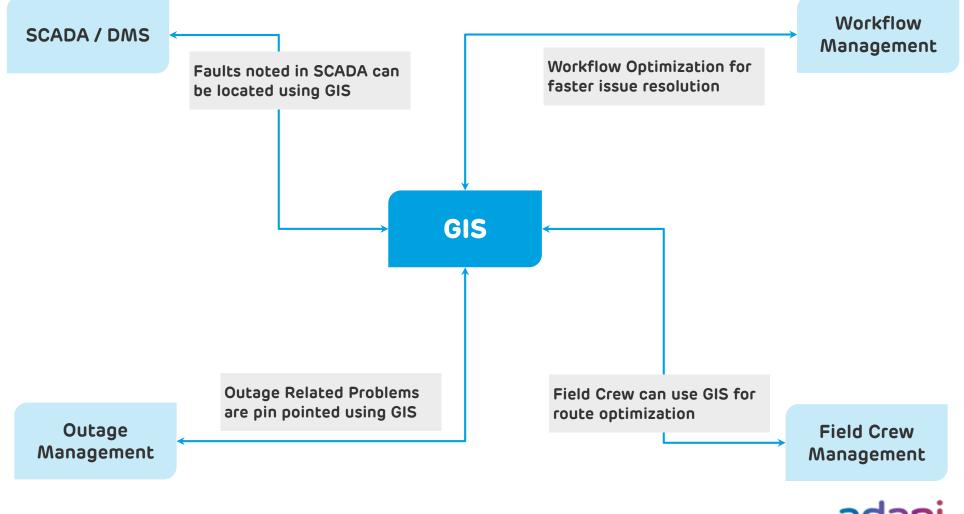
### Mumbai's embedded generation of 1,800 MW ensures supply to all critical infrastructure of the city

- Mumbai's embedded generation of 1,800 MW (AEML's Dahanu of 500 MW & Tata's Trombay + Hydro plants 1,300 MW) ensures supply reliability in case of external grid failures
  - 24 instances of National / Regional Grid outages in last 20 years, however, consumers in Mumbai saw minimal disruptions
- Grid instability results in system frequency fluctuating below normal 50 Hz and subsequently respective network gets isolated from main grid consuming power from Mumbai's embedded generation plants (as shown in the map below)



# AEML employs an integrated system approach with the GIS system at the "core"

This integrated O&M architecture helps ensure high supply reliability



# Supply reliability supported by efficient operations of embedded generation at Dahanu

Dahanu has enabled supply reliability through adoption of best-in-class practices

> 100% PLF	7 consecutive years, 9 years in total	> 100 awards	International and National awards for excellence in various fields <sup>1</sup>
> 95% availability	last 15 years	3	Copyrights for operational processes
1 <sup>st</sup> in India	to install FGD unit in 2007	2	Patent Applications for DDC simulator kit & Isolater test jig

5 employees awarded Prime Minister's Shram Shree Award (National Award for outstanding contributions that improve productivity, innovation, and reliability)

19 employees awarded Vishwakarma Rashtriya Puraskar Award (National Award for efficiency related suggestions from employees which have been implemented in Industrial Undertakings)

## First IPP in India → use of washed coal, blending of domestic & imported coal, & reducing annual overhaul time from >30 days to 15 days

1. Operational, Energy Management, Environmental Management, Safety; FGD – Flue Gas Desulphurization, DDC – Distributed Digital Control, IPP – Independent Power Producer Source - Shram Shree Awards,

## AEML efficiently serving ~12 mn consumers of Mumbai

### 1. Consumer Service Initiatives

- Concessional tariff during religious festivals / community prayers and for BPL consumers throughout year
- Smoothening of FAC resulting in tariff stability for consumers
- Automation of bill amendments, paperless billing
- "Easy check machine" introduced for onsite meter testing at consumer premise
- Automated Meter Reading for HT consumers
- Mobile App for meter reading

### 3. Payment Convenience

- All electricity bills are barcoded
- 25 Payment options available
  - Online: Website, Mobile app, E-wallets, eNACH, UPI
  - Offline: 39 bill payment centers, 50 payment kiosks → touchpoint every 2 km
- Multilingual (4) service offerings

33

### 2. Quality of Supply

- 99.99% supply reliability
- 7.37% distribution losses in FY20 (compared to India's national average of around 22%)
- Adoption of advanced technologies like SCADA, DMS, OMS and GIS
- Integrated system approach with the GIS system at the "core"
- Embedded generation at Dahanu insulating Mumbai consumers from external grid disturbances

#### 4. Consumer and Employee Safety

- Conduct of Electrical Safety Awareness among Consumers - HT Consumers
- Electrical Safety Audit of Industrial Consumers
- HT / LT Arc Flash suits for field employees to protect against flashover hazards
- Internal consumer training & awareness programs



# With Consumer Centricity at the heart, AEML continues to adapt global best practices

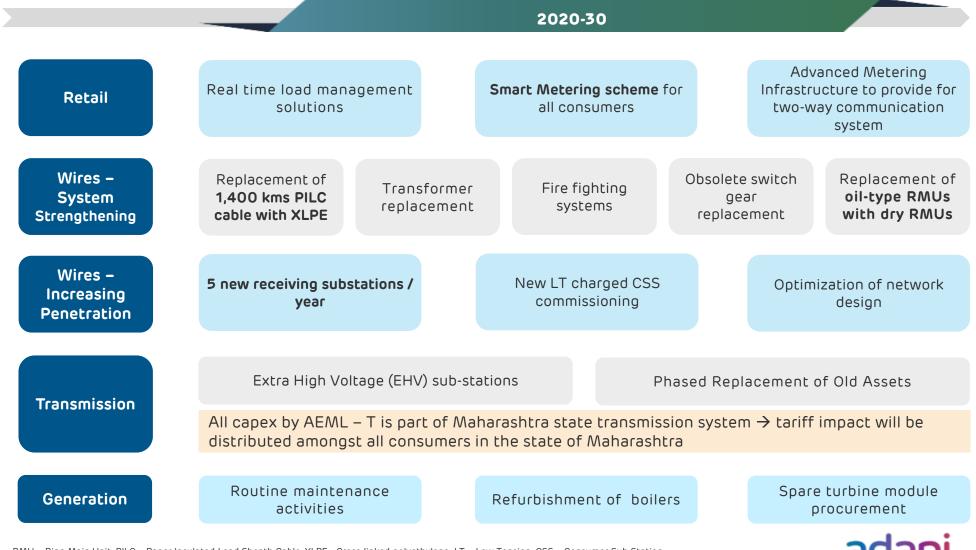
#### AEML is benchmarking itself against international utilities for bettering consumer responsiveness

Service Type		Peer 1	Peer 2	Peer 3
Self Help				
Missed Call	✓	×	*	✓
Real Time tracking of Consumption	<b>x</b> <sup>1</sup>	×	~	~
WhatsApp Services	✓	*	×	✓
Mobile App	<ul> <li>✓</li> </ul>	✓	✓	✓
Consumer Engagement				
Call Center	✓	~	✓	✓
Consumer Advisory				
AMR Based Advisory	<b>*</b> <sup>2</sup>	*	✓	<ul> <li></li> </ul>
Renewable Advisory	✓	× .		×
Demand Response Program	×	*	×	×
Energy Efficiency Support	✓	×		×
Payments Related				
Energy Cards	<b>*</b> <sup>3</sup>	*	<	×
Financial Support - bill payments	<b>*</b> <sup>4</sup>	~	✓	×
Payment Kiosks	✓	*	~	*

Note: We have taken EDF - Électricité de France, SCE – Southern California Edison and PSEG - Public Service Enterprise Group as peers for above benchmarking. 1.Implementation of smart meters in place, 2.Commencing from FY20 in east division (~7L customers) 3.Not prevalent in India, however, we accept all other cards. 4. EMI and credit options available, AMR – Automated Meter Reading. Source – <u>PSEG Customer Support</u>, <u>PSEG Renewable Advisory</u>, <u>EDF Payments Related</u>, <u>EDF Consumer Advisory</u>, <u>EDF Social Media</u>, <u>SCE Self Help</u>, <u>SCE Consumer Advisory</u>

# AEML has planned various capex schemes to cater to increased demand and maintain supply reliability

AEML is undertaking capex under various schemes to strengthen network infrastructure



RMU – Ring Main Unit, PILC – Paper Insulated Lead Sheath Cable, XLPE - Cross-linked polyethylene, LT – Low Tension, CSS – Consumer Sub Station,



## ESG embedded in our operations

## AEML operating with a high focus on sustainability

### **Renewable Power**

#### Targeted 30% of consumption from Renewable sources

 Committed to increasing share of renewable power procurement from current 3% to 30% by 2023 and 50% by 2025

% Power Procurement from different sources

- AEML has tied up a hybrid (solar + wind) 700 MW PPA

**FY19** 

3%

Conventional

#### **Climate Awareness**

#### Environmentally compliant generation at ADTPS



## adani

Renewable

**FY22** 

30%

## AEML's initiatives towards reduction of carbon footprint

### Renewable energy procurement by AEML to leapfrog by 10X by FY22

- Current
  - More than 275 MUs of renewable energy procured (~ 3% of total energy procured)
  - AEML has signed a hybrid (solar + wind) 700 MW PPA with minimum guaranteed CUF of 50%.
  - Since the FGD installation in 2007, DTPS has been generating power in the most sustainable way
- Ongoing initiatives
  - Promotion for Rooftop Solar
    - As on Sep 20, 1226 applications with capacity of 18.80 MW connected
- We target multifold increase in renewable power as % of our overall procurement mix

### 12x growth in renewable power procurement



#### AEML will be in compliance with the Paris agreement

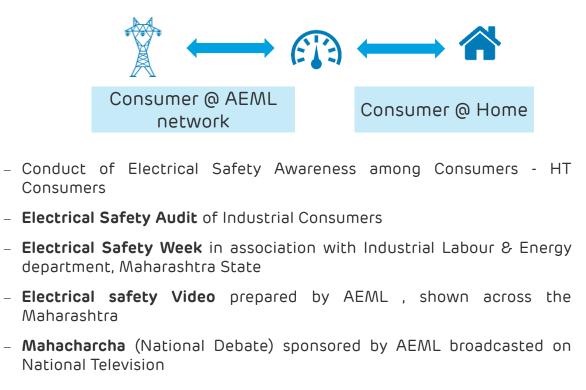


## adani

FGD – Flue Gas Desulphurization, MU – Million Units. DTPS – Dahanu Thermal Power Station Source – Hybrid PPA

## Safety is at the core of our philosophy

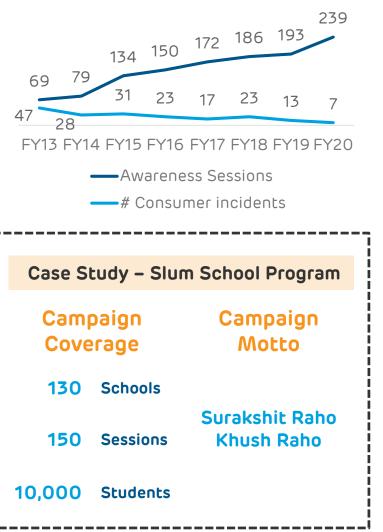
### AEML goes beyond mandated norms to ensure highest standards of safety for consumers











HT – High Tension

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# AEML believes in serving the community through its social initiatives

#### We strive to enrich the lives of the community we serve by various social initiatives

At Adani Group, we strive to enrich the lives of the community through Adani Foundation

Besides those, AEML has taken the following initiatives

- Tribal Development Program
  - Association with NABARD covering 11 villages of Dahanu and 1,000 land owning families
  - Support for livelihood for landless laborers
- Skill Development Program
  - 835 candidates trained (773 employed in garments)
- Health Development
  - Engagement of medical agencies for free medical checkup for local people
  - Provision of Safe Drinking water facility
- Education
  - E-Learning kits in 15 Govt. Schools catering to 2,500 students
  - Construction of School buildings
  - Distribution of uniforms and notebooks













## AEML – Financial Summary

## Financial Summary - AEML

Profit and Loss Summary (all amounts in USD mn)	As on March 31, 2020	As on September 30, 2019	
Revenue	1,050	576	
Total Income	1,050	576	
Less: Cost of Power Purchased	415	203	
Less: Cost of Fuel	167	79	
Less: Transmission Charges	55	28	
Less: Employee Benefit Expeneses	122	66	
Less: O&M Expeness	102	49	
Add/(Less): Net Movement in Regulatory Deferral Balance	22	(32)	
EBITDA	212	119	
Add: Other Non-Operating Income	21	8	
Less: Tax Expenses	15	7	
Cash Flow Available For Debt Servicing	218	120	
Balance Sheet (all amounts in USD mn)	As on March 31, 2020	As on September 30, 2019	
Total Equity	567	585	
Borrowing & Trade Payable (Non-Current)	1,110	1,130	
Financial Liabilities (Non-Current)	-	7	
Other Non-Current Liabilities	93	94	
Total Non-Current Liabilities	1,203	1,231	
Borrowing & Trade Payable (Current)	302	249	
Other Financial Liabilities (Current)	225	224	
Other Current Liabilities	43	43	
Total Current Liabilities	570	515	
Regulatory Deferral Account – Liabilities	38	61	
Total Equity and Liabilities	2,378	2,392	

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# Thank you

