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### **Hybrid Renewables RG 1: Summary of Terms**



Type of Issuance	Certified Green Bond Issuance – Independent Second Party Opinion by Sustainable Fitch	
The Co-Issuers	Co-issuers are Adani Hybrid Energy Jaisalmer One Ltd., Adani Hybrid Energy Jaisalmer Two Ltd., Adani Hybrid Energy Jaisalmer Four Ltd. and Adani Solar Energy Jaisalmer One Pvt. Ltd., which are 100% Step down subsidiaries of Adani Green Energy Limited	
Expected Issue Ratings	Baa3 / Stable (Moody's); BBB- / Stable (EXP) (Fitch)	
SPO	Sustainable Fitch	
Format & Listing	144A / REG S   India INX & NSE IX	
Ranking	Senior secured obligations of the co-issuers	
Use of Proceeds	Proceeds from the Notes will be used for repayment of Existing Facilities in compliance with RBI ECB guidelines	
Tenor	20 years Door-to-Door   ~ 13.6 years of weighted average maturity	
Amount / Currency	USD [•] Mn	
Coupon	[•] % Fixed; payable semi-annually	
Security	Pledge of 100% shares of Issuers held by respective holding company; Substantially all of the Co-Issuers' asset, & contractual documents	
Financial Covenant	<ul> <li>Senior Debt Sizing: Linked to NPV of EBITDA forecast plus residual value of assets (based on 1.75x Project Life Cover Ratio - PLCR)</li> <li>Senior Debt Service Cover Ratio ("DSCR") (EOD case): Shall not be less than 1.10x</li> <li>Senior Debt Service Cover Ratio (distribution lock-up): Linked to graded DSCR (lockup between 1.35x to 1.55x)</li> <li>General Distribution Restriction: If FFO/Net Debt &lt; 6% then distribution restricted to 75% of amount available</li> </ul>	
Pool protection	<ul> <li>Min. 65% of EBITDA from Sovereign &amp; Sovereign Eq. Counterparties</li> <li>CFADS from Sovereign &amp; Sovereign Eq. Counterparties to be able to service 100% of Interest plus principal amortized on semi-annual basis, over remaining life of PPAs</li> </ul>	
Guarantor	Each issuer guarantees the primary obligations of all other issuers at each waterfall level (Issuer's Support)	
Key Structural Features	<ul> <li>Forward 6 months Debt Service Reserve</li> <li>Cash Sweep Lock-up: In case Senior Debt Sizing covenant is not complied</li> <li>Liquidity Protection Lock-up: Graded DSCR linked lock-up and FFO/Net Debt linked lock-up</li> <li>Cashflow Waterfall mechanism with Capex Liquidity Reserve Account covering next six months, ahead of distribution</li> <li>Swap gain / balance reserve in SDRA to protect against adverse movement in currency</li> <li>Distribution lockup from 18<sup>th</sup> Year onwards to cover final balloon principal and interest repayment</li> <li>Detailed information and compliance certificates semi-annually</li> </ul>	
Change of Control Put	On the occurrence of a Change of Control Triggering Event, Note holders shall have the right to require the Issuers to redeem their Notes at 101% of the aggregate principal amount of each Note plus accrued and unpaid interest	
Governing Law	English law;   Security Documents, Project Accounts Deed, Security Trustee and Intercreditor Deed to be governed through Indian law	
Joint Bookrunners	DBS Bank Ltd., Emirates NBD Bank PJSC, First Abu Dhabi Bank, ING, IMI-Intesa Sanpaolo, Mizuho Securities (Singapore) Pte. Ltd., MUFG, SMBC Nikko, Société Générale Corporate and Investment Banking and State Bank of India, London Branch	

### Hybrid Renewables RG 1: Existing Bond Key Terms and comparison with previous RG



Structure	RG 2 (October 19) (Solar 570 MW)
Facility	<ul> <li>US\$ 362.5 Mn 144A / REG S</li> <li>Tenor: 20 years amortization structure</li> </ul>
Counterparty Profile	<ul> <li>61% Sovereign and Sovereign Equivalent</li> <li>Counterparty</li> </ul>
Standard Project Finance Covenant	<ul> <li>Bankruptcy remote structure</li> <li>Cashflow waterfall mechanism</li> <li>6-month Debt Service Reserve and Mandatory capex reserve</li> </ul>
Structured Financial Covenants	<ul> <li>Maintenance Covenants:</li> <li>Graded Debt Service Cover Ratio for distributions</li> <li>FFO / Net Debt &gt;6%</li> <li>CFADS from Sovereign Off-taker (65%) to cover 100% bond principal + 100% interest</li> <li>Forward Looking Covenants at P90 level estimations:</li> <li>Project Life Cover Ratio (PLCR) &gt;1.60x</li> <li>Forward 6-month Capex covenant to maintain plant performance</li> </ul>
Information Covenant	Submission of detailed Compliance Certificate on semi-annual basis
Datin	Fitch DDD   Macdule Do4

### **RG 1 (March 24) (Solar 930 MW)**

- US\$ 409 Mn 144A / REG S
- Tenor: 18 years amortization structure
- 57% Sovereign and Sovereign Equivalent Counterparty
- Bankruptcy remote structure
- Cashflow waterfall mechanism
- 6-month Debt Service Reserve and Mandatory capex reserve

### **Maintenance Covenants:**

- Graded Debt Service Cover Ratio for distributions
- FFO / Net Debt >6%
- CFADS from Sovereign Off-taker (55%) to cover
   75% bond principal + 100% interest
- Swap Gain / Loss reserve in SDRA

### Forward Looking Covenants at P90 level estimations:

- Project Life Cover Ratio (PLCR) >1.60x
- Forward 6-month Capex covenant to maintain plant performance

Submission of detailed Compliance Certificate on semi-annual basis

Fitch BBB- | Moody's Ba1

### Hybrid Renewables RG 1 (Solar-Wind 1,840 MW)

- USD [•] Mn 144A / REG S
- Tenor: 20 years amortization structure
- 100% Sovereign and Sovereign Equivalent
   Counterparty
- Bankruptcy remote structure
- Cashflow waterfall mechanism
- 6-month Debt Service Reserve and Mandatory capex reserve

### **Maintenance Covenants:**

- Graded Debt Service Cover Ratio for distributions
- FFO / Net Debt >6%
- CFADS from Sovereign & Sovereign Eq. Off-taker
   (65%) to cover 100% bond principal + interest
- Swap Gain / Loss reserve in SDRA
- Distribution lockup from 18th year

### Forward Looking Covenants at P90 level estimations:

- Project Life Cover Ratio (PLCR) >1.75x
- Forward 6-month Capex covenant to maintain plant performance

Submission of detailed Compliance Certificate on semi-annual basis

Fitch BBB- | Moody's Baa3

### **Table of Contents**



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# O1 Asset Overview

### AGEL: Replicating Group's Simple yet Transformational Business Model



### Development



~2,50,000 acres of resource rich sites for renewable energy in strategic locations

~5+ GW of PSP sites secured

"RESOURCE AS VALUE APPROACH"

### **Resource Assessment**

### 50+ GW potential

**Resource assessment completed** 

### **Construction Readiness**

### Geotechnical studies & Special studies (AIIL)

Evacuation infrastructure readiness and detailed design planning completed, including simulations

### **Operations**



100% Must Run Portfolio

as per Electricity Act, 2003

### **Technology enabled O&M**

### **ENOC**

Analytics driven O&M with Al based technology enabling high EBITDA margin (92% (1))

### **Al Based Learning Capability**

### AIMSL – Deploying cutting edge solutions

Digital twins for Solar & Wind plants Long term resource forecasting tools

### Value Creation



Access to International markets

Diversified sources of funding Elongated maturities up to 20 years Fully funded for 50 GW by FY30

### **Construction Framework Agreement**

**US\$ 3.4 bn** 

Revolving construction facility to ensure fully funded growth

### IG Ratings & ESG Income

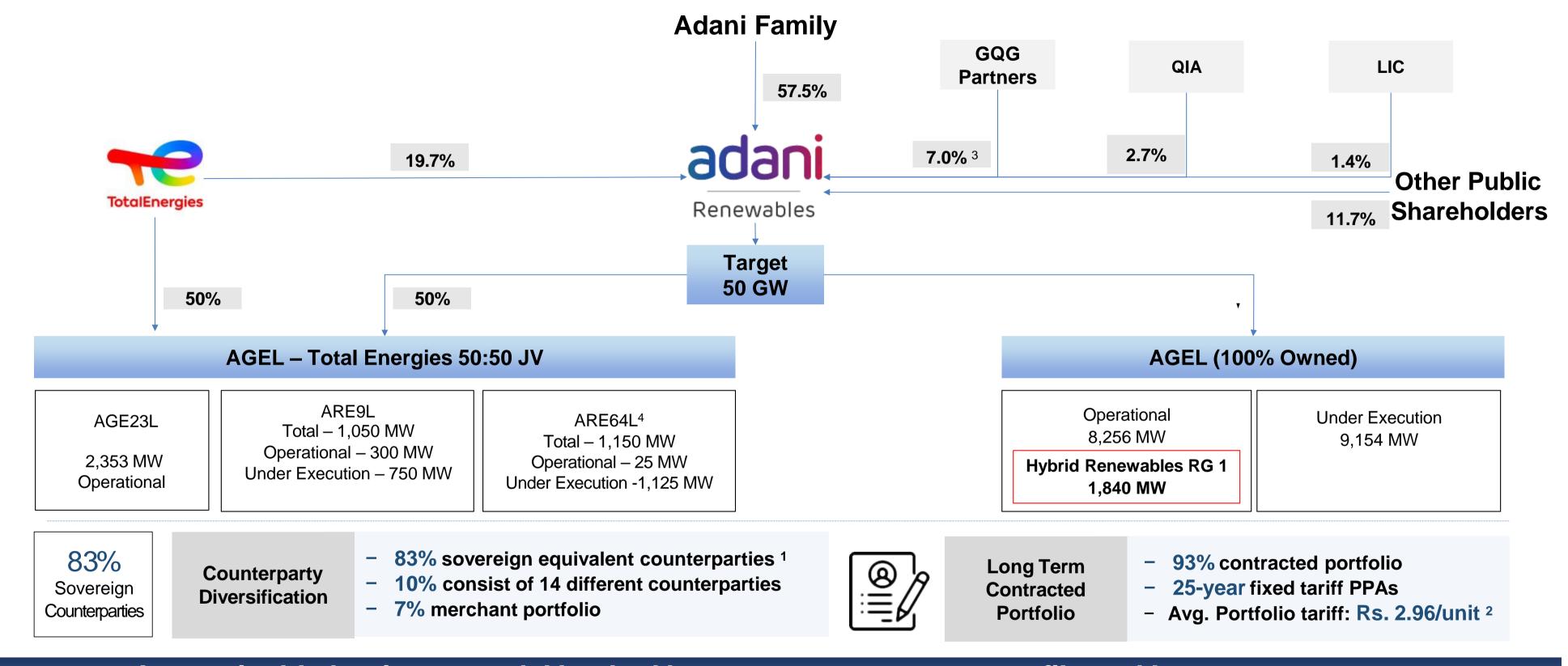
IG rated Issuance –
RG1,RG2 <sup>(2)</sup> & Hybrid Renewables
RG 1<sup>(3)</sup>

**Green Certificates** 

### Successfully Redeemed Holdco notes of \$ 750 Mn in Sep-24

### **AGEL: Holding Structure & Key Portfolio Highlights**





### A sustainable business model backed by strong counterparty profile and long-term contracts

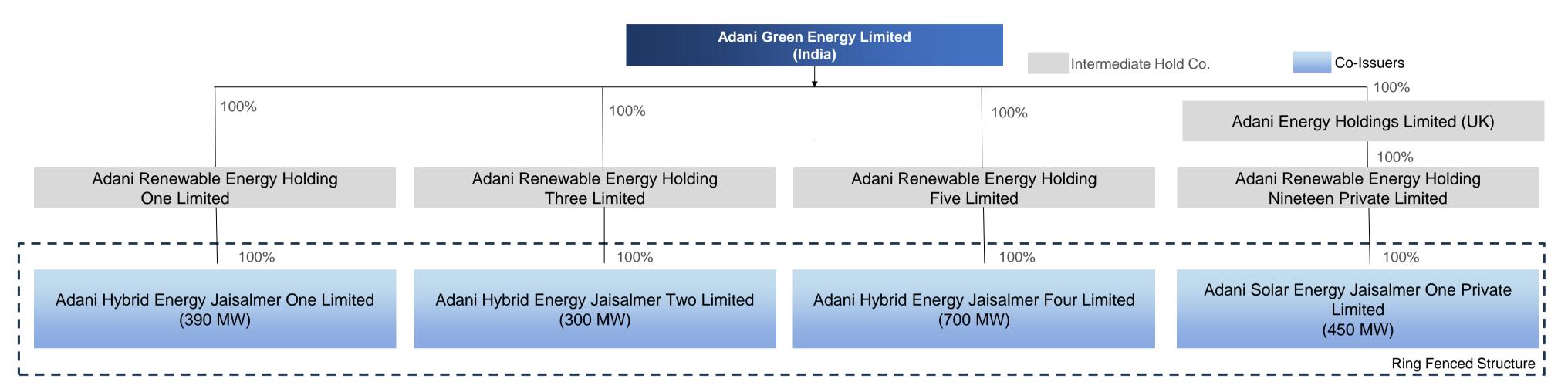
Note: Shareholding & Operational Capacity details as on June 30, 2024

- 1. Includes 5% sovereign equivalent rated counterparties Gujarat Urja Vikas Nigam Limited (GUVNL) and Adani Electricity Mumbai Limited (AEML)
- 2. Average tariff for total contracted portfolio
- 3. Shareholding by funds managed by GQG Partners
- 4. Recently concluded JV with TTE (TotalEnergies) in September 2024

Capacity in MW<sub>AC</sub>; Under Execution projects include capacity where PPA is signed.

### Hybrid Renewables RG 1: Issuance Structure



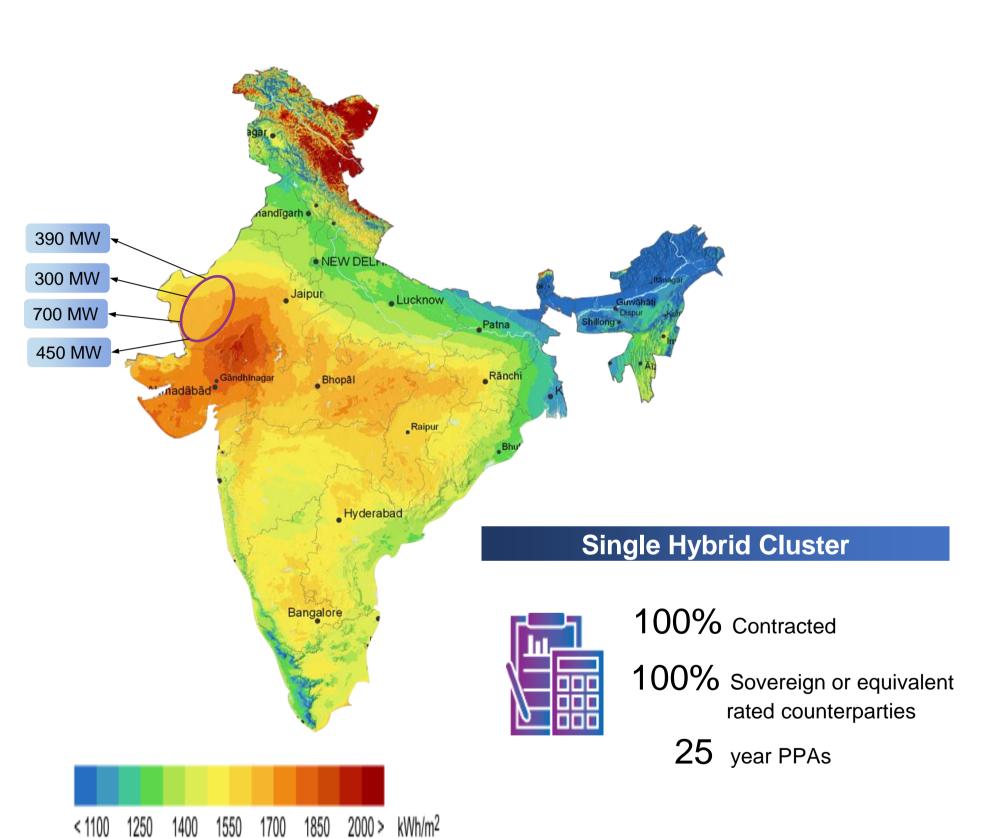


	Issue Size:	USD [•] Mn	
	Tenor:	20 years Door-to-Door ~ 13.6 years of weighted average maturity	
	Credit Rating:	Baa3/Stable (Moody's); BBB-/Stable (EXP) (Fitch)	
Issue Details	Use of Proceeds of Notes:	<ul> <li>Proceeds will be used pursuant to the terms of the Project Accounts Deed.</li> </ul>	
		<ul> <li>Proceeds will be used to refinance the existing ECBs.</li> </ul>	
	Ring Fence Structure	No greenfield development risk	
		<ul> <li>Credit quality maintained through amortizing debt and other structural protections</li> </ul>	
	oti dotai c	Standard Project Finance features – Cash flow waterfall, restricted distribution, security and collateral package	

Particulars (USD Mn)	As on Date of Issuance	Adjustment for Proposed Notes	Proforma Post Issuance
Net Parent Investment	436	-	436
Sponsor Affiliate Debt	84	-	84
Total Shareholders' Funds (A)	520	-	520
Existing ECB Facility	1,342	[•]	[•]
Proposed USD Notes	-	[•]	[•]
Total Debt (B)	1,342	[•]	[•]
Total Capitalization (A+B)	1,863	[•]	[•]
		_	
Cash Balances	237	[•]	[•]
Derivatives Assets	2	[•]	[•]

### Hybrid Renewables RG 1: 1,840 MW Hybrid Fully Operational Cluster in Rajasthan





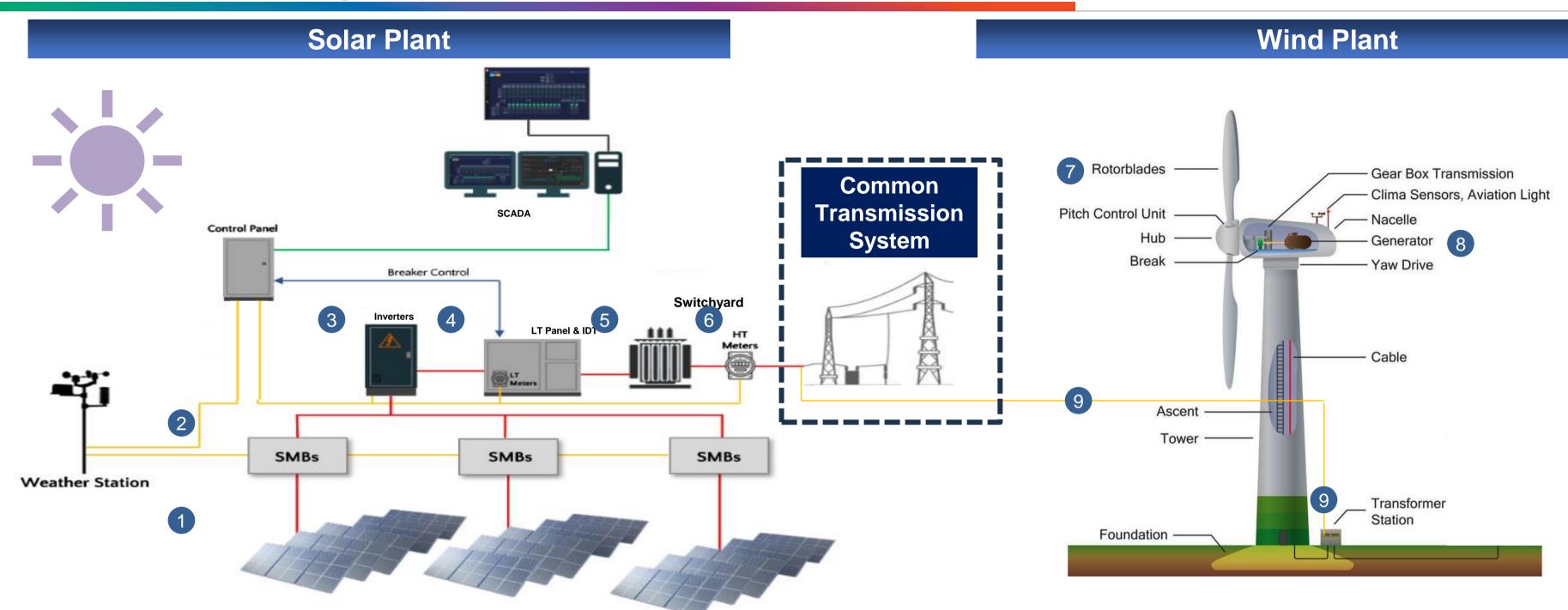
Perfect location for Hybrid	<ul> <li>Solar irradiation of 2000 kWh/ sqm – top 5 in India</li> <li>Ideal Wind speed of 7 meters/ second</li> <li>Project Implemented on Non-agricultural Barren land</li> </ul>	
Cluster based approach	<ul> <li>All projects in a Single Cluster around Fatehgarh</li> <li>Enabling Significant scale efficiencies</li> </ul>	

Project Snapshot					
Particulars	AHEJ1L	AHEJ2L	AHEJ4L	ASEJ1PL	Total
PPA Capacity (MWac)	390	300	700	450	1,840
Solar (MWac)	360	300	600	422	1,682
Wind (MWac)	101	76	510	105	792
Counterparty	SECI	SECI	AEML	SECI	
Counterparty Type	Sovereign	Sovereign	Sovereign equivalent rated	Sovereign	100% Sovereign and Eq.
Solar Module make Longi & Jinko					
Wind Turbine Generator make	Suzlon, Siemens Gamesa				

### First Solar- Wind Hybrid Power Cluster in India and the Largest in the World.

### **Grid Stability through Hybrid power**





### **Solar Energy Process Flow:**

- 1. Solar PV modules convert solar radiation directly into electricity as Direct Current (DC).
- 2. Modules are connected in strings to produce the required DC power output.
- 3. Many modules in series of such strings and parallel strings are connected to the inverters. Inverters converts the DC electricity to Alternating Current (AC) for connection to the utility grid.
- 4. IDT (Inverter Duty Transformers) station steps up the voltage of 0.8 KV to 33 KV through IDT transformer. There are HT (High Tension) & LT (Low tension) panels at the IDT station to control and metering.
- 5. Step-up transformer takes the output from the inverters to the required grid voltage.
- 6. Switchyard with required switchgear, controls and protection of the PV plant is connected for the grid interface besides energy meters.

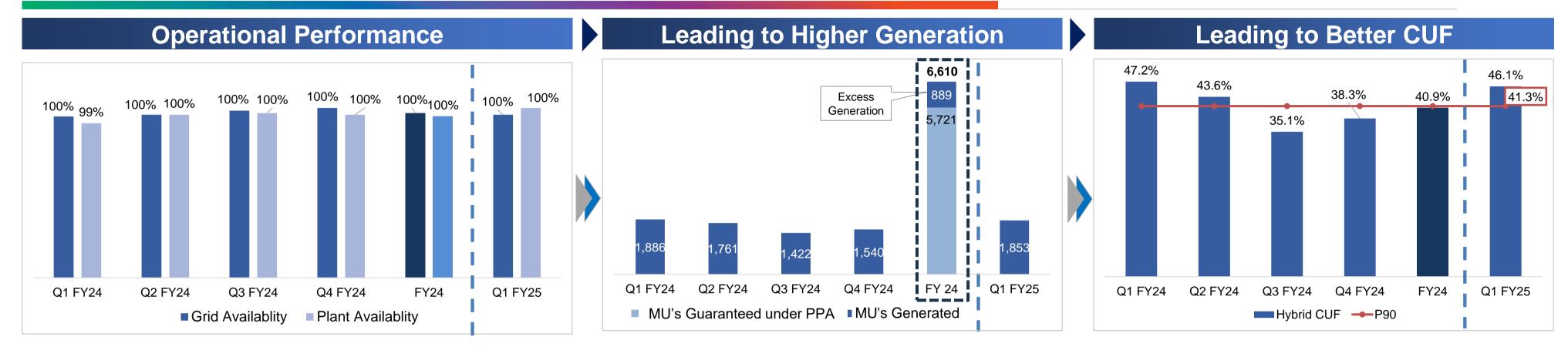
### Wind Energy Process Flow:

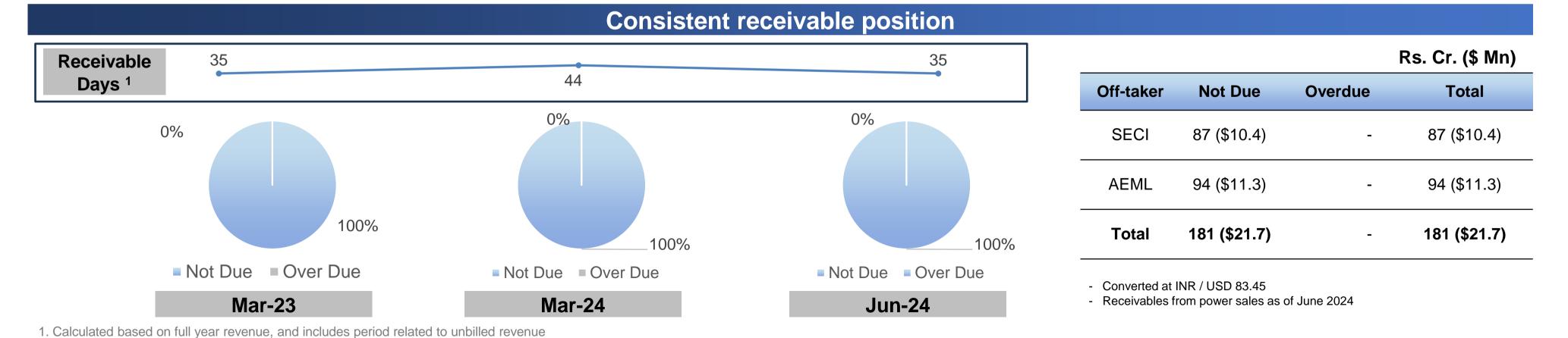
- 7. Wind rotates the rotor blades, which convert kinetic energy into rotational energy.
- 8. This rotational energy is transferred by a shaft to the generator, thereby producing electrical energy.
- 9. The electrical energy is then connected through a transformer to the grid through common switchyard.

(There is a main control room at a common switchyard for monitoring and metering of the entire plant).

### Hybrid Renewables RG 1: Robust operational and financial performance





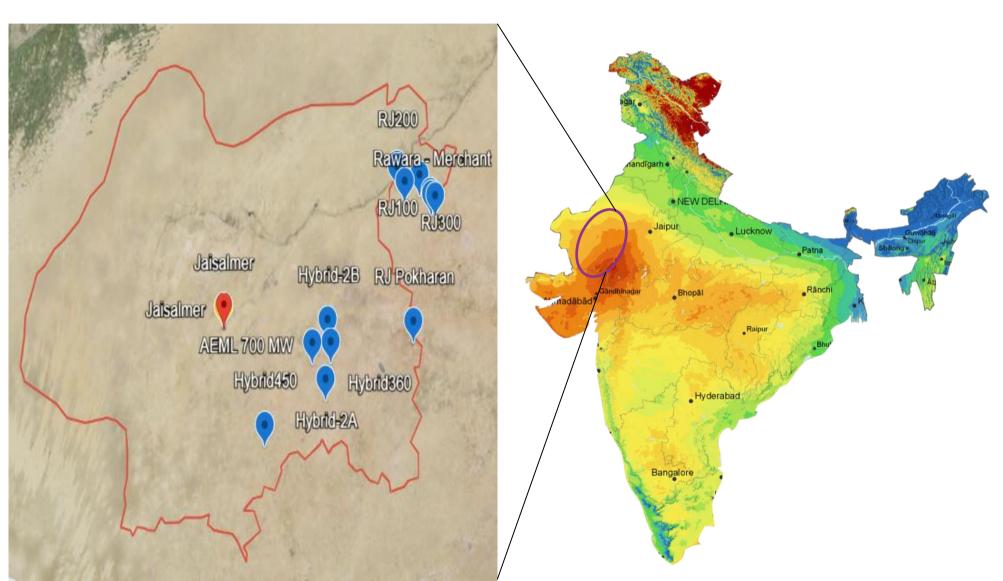


Robust operational and financial performance with on-track payments record

### Hybrid Renewables RG 1: Part of Rajasthan cluster

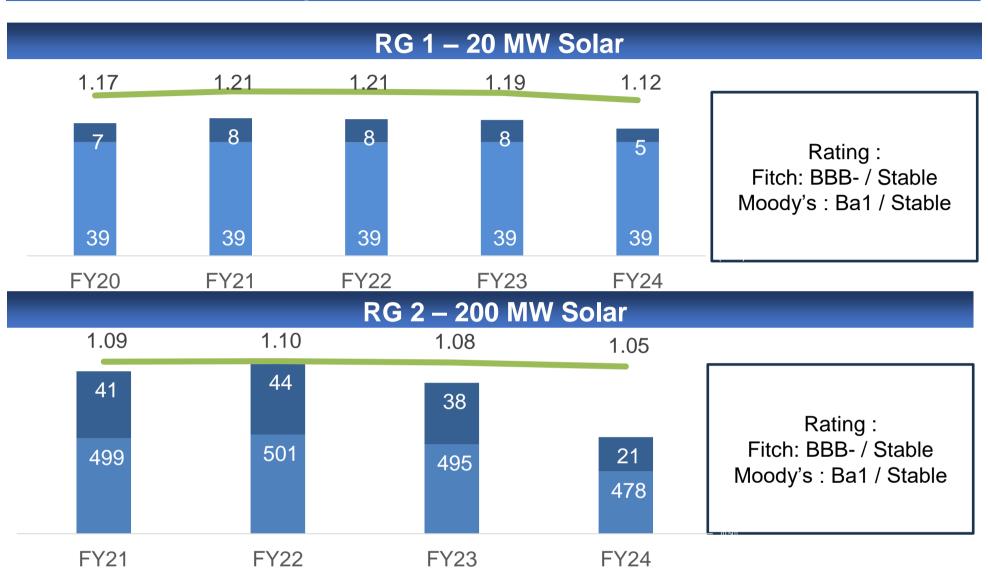


### **Project Locations - Rajasthan Cluster**

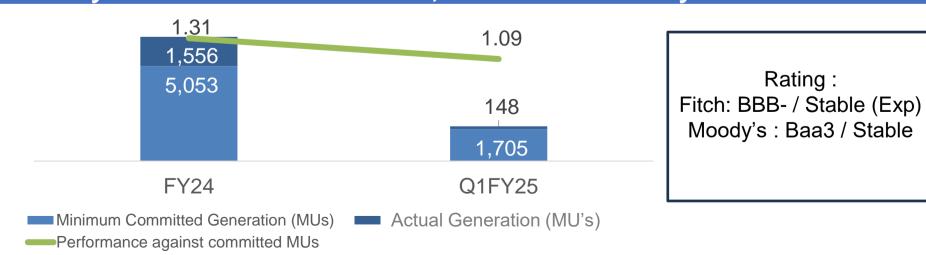


Restricted Group	Project in Rajasthan Cluster	Operational History (years)
RG 1	Kanasar – 20 MW	7 years
RG 2	Rawra – 200 MW	5 years
Hybrid Renewables RG 1	1,840 MW	~2 years
Other Portfolio Assets	1,630 MW	~3.5 years

### Consistent outperformance – > MU's Guaranteed under PPA



### Hybrid Renewables RG 1 – 1,840 Solar – Wind Hybrid Assets



### Hybrid Renewables RG 1: Certified Green Bond Issuance- Second Party Opinion





**Key Highlights** 

Use of Proceeds	
-----------------	--

- ✓ Sustainable Fitch deems the proposed projects to be environmentally positive and to contribute to climate change mitigation
- ✓ Use of proceeds is aligned with the renewable energy category of ICMA GBP
- ✓ Additionally, the use of proceeds under this issuance will exclude non-renewable power generation projects. Fitch views this exclusion criteria positively as it minimizes the risk of proceeds being used to finance controversial projects
- ✓ All proceeds will be allocated to refinance existing projects which have been operational for 1-2 years.

### **Evaluation and Selection**

### **Excellent**

**Excellent** 

- ✓ Fitch positively view that AGEL's project management and assurance group (PMAG) has representatives from various business units in AGEL which would provide a mix of expertise and perspectives
- ✓ PMAG evaluates eligible green projects based on whether the project is feasible, commercially viable (including based on resource assessment, energy yield assessment and counterparty credit profile evaluation) and aligns with AGEL's ESG purpose, goals and strategic pillars

### **Management of Proceeds**

### Excellent

- ✓ Fitch positively view that the proceeds are segregated in a designated account and will be tracked appropriately, as per GBP 2021 (ICMA) recommendations
- ✓ Any unallocated proceeds will be held temporarily in short-term cash or cashequivalent instruments defined in the framework

### **Reporting and Transparency**

### **Excellent**

✓ Fitch positively views the issuer's commitment to publish annual allocation and impact reporting until the maturity of the bond, which is in line with the ICMA GBP recommended guidelines

Framework Type	Green
Date Assigned	October 2, 2024

### **Scale and Definitions**

	Excellent	Sustainable finance framework and/or debt instrument structure is fully aligned to all relevant core international principles and guidelines. Practices inherent to the structure meet excellent levels of rigor and transparency in all respects and are well in excess of the standards commonly followed by the market.
	Good	Sustainable finance framework and/or debt instrument structure is fully aligned to all relevant core international principles and guidelines. Practices inherent to the structure meet good levels of rigor and transparency; in some instances, they go beyond the standards commonly followed by the market.
structure is aligned to all relevant core international and guidelines. Practices inherent to the structure		Sustainable finance framework and/or debt instrument structure is aligned to all relevant core international principles and guidelines. Practices inherent to the structure meet the minimum standards in terms of rigor and transparency commonly followed by the market.
	Not Aligned	Sustainable finance framework and/or debt instrument structure is not aligned to relevant core international principles and guidelines. Practices inherent to the structure fall short of common market practice.

GBP: Green Bond Principle Source: Sustainable Fitch

### Operating in a Stable and Evolved Regulatory Framework



Ministry of Power (MOP)

**Empowered Committee** 

CEA

**Tariff Determination Methodology** 

### Participants/Statutory bodies under Electricity Act, 2003

ERC

- To regulate and determine/adopt the tariff and to grant license
- CERC at national level and SERC at state level

CTU

- Undertake transmission at inter-state transmission systems
- Has an equivalent counterpart at state level (STU)

NLDC

 Optimum scheduling and despatching of electricity among the Regional Load Despatch Centres (RLDC) and State Load Despatch Centres (SLDC)

### **Section 63 (Competitive bidding)**

- Tariff determined through transparent process of competitive bidding
- Standard bidding guidelines notified by Ministry of Power in line with the Electricity Act 2003 and the National Tariff Policy, 2016
- CERC or the state regulatory commission adopts tariffs determined through bidding
- Renewables PPA tenure of 25 years. No adjustment to tariff allowed aside from CIL adjustments

- Renewable power is power of choice for DISCOMs - ranks among cheapest sources of power
- Renewable power enjoys a must-run status in India
- Government target of 500 GW renewable capacity by 2030
- Rapid strides for adoption of renewable power - tenders conducted for
  - Wind-solar hybrid PPAs
  - RTC PPAs
  - Renewable + battery storage systems

### **Tariff Determination Methodology for Renewable Projects**

**Section 63 of Electricity Act** 



**Tariff fixed for PPA life** 



Change in Law (CIL) (if any)

Tariff is determined through a transparent reverse auction process

Bid tariff fixed over PPA tenure of 25 years. Provides revenue visibility

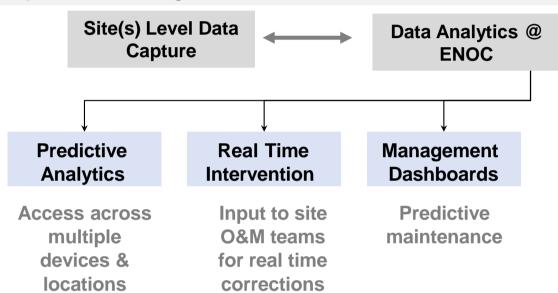
Any change in law that has an impact on Tariff is allowed

### **Robust Operational Performance led by AIMSL (ENOC)**



### Adani ENOC (Energy Network Operation Centre) (AIMSL)

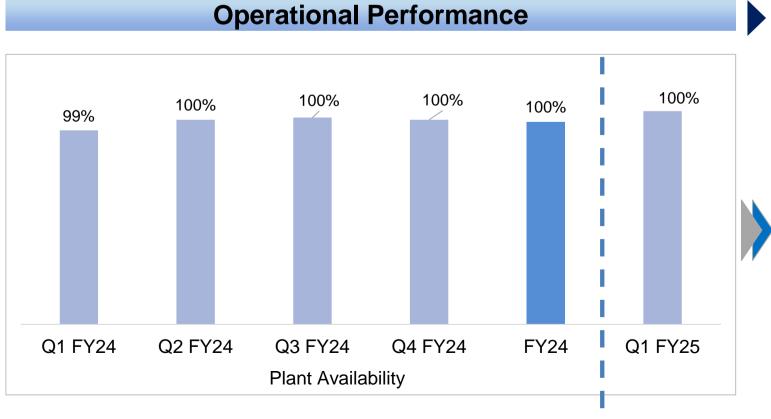
- Centralization of overall management of all Adani sites from a single location
- Data Analytics driven decision making
- Drive world class operational performance as sustainable competitive advantage



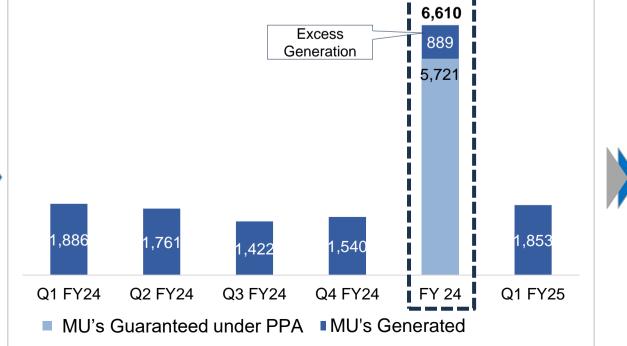


- Real time monitoring of operating assets across 12 states through ENOC at Ahmedabad
- Granular performance insights
- Predictive Maintenance optimizing Mean time between failure (MTBF)
- Suggests corrective actions in real time reducing Mean time to repair (MTTR)
- Industrial cloud partnership with Google for ML & AI capabilities

### Analytics driven O&M through ENOC has enabled consistent and industry-leading profitability



### **Leading to Higher Generations**



Resulting in the EBITDA of ~ 94%

for the assets



# 

# Hybrid Renewables RG 1 – Proposed Credit Structure

### Hybrid Renewables RG 1: Covenanted Cashflow Waterfall



### Structure

### Robust project finance security and covenant package

### **Standard Project Finance Covenant**

- Bankruptcy remote structure
- 100% amortizing debt over PPA term with tail period of ~2 years
- Cashflow waterfall mechanism
- 6-month **Debt Service Reserve** and **Mandatory capex reserve**
- 95% currency and 75% of interest rate risk to be fully hedged

## Structured Financial Covenants

### **Maintenance Covenants:**

- Graded Debt Service Cover Ratio for distributions
- FFO / Net Debt >6%
- 65% Adjusted EBITDA from Sovereign & Sovereign Equivalent Counterparties
- CFADS from Sovereign & Sovereign Equivalent Off-taker to cover 100% debt service leading to IG rating
- Distribution lockup from 18th Year onwards to cover final balloon principal and interest repayment

### Forward Looking Covenants at P90 level estimations:

- Project Life Cover Ratio (PLCR) >= 1.75x
- Forward 6-month Capex covenant to maintain plant performance

### Information Covenant

### Submission of Compliance Certificate on semi-annual basis

- Operational Performance of Assets
- Levels of Financial Covenants
- Copies of Financial Statements to be provided with compliance certificate

# Security and collateral package

- 100% shares of the Co Issuers to be pledged
- First ranking charge over all project accounts, escrow accounts (other than distribution account) and project assets
- Assignment right over contractual documents of each Issuer
- Each issuer guarantees the primary obligations of all other issuers at each waterfall level (Cross Guarantee)

### Summary cashflow waterfall

1 Taxes and operating expenses

2 Senior debt payments

Senior debt service reserve

Senior debt redemption account

5 Senior debt restricted reserve

6 Capex reserve account

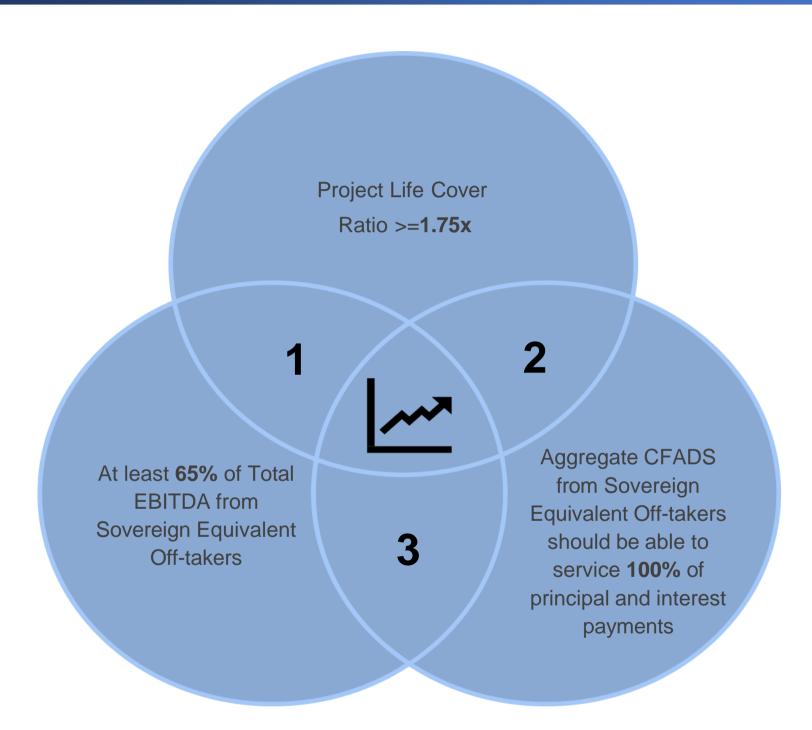
7 Subordinated Debt & Surplus Holding Account

8 Distribution account

# Hybrid Renewables RG 1 : Senior Debt Sizing Covenant Linked to EBITDA Performance Over Project Life

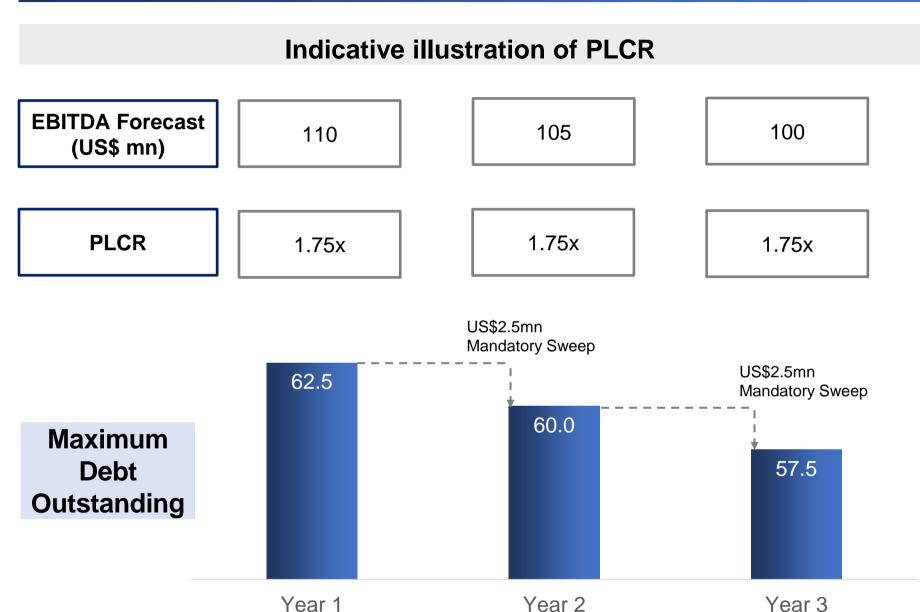






Any breach will result in 100% lock up of distributions and excess cash flow being transferred to SDRA for repayment of loan

### Illustration – Senior debt sizing covenant

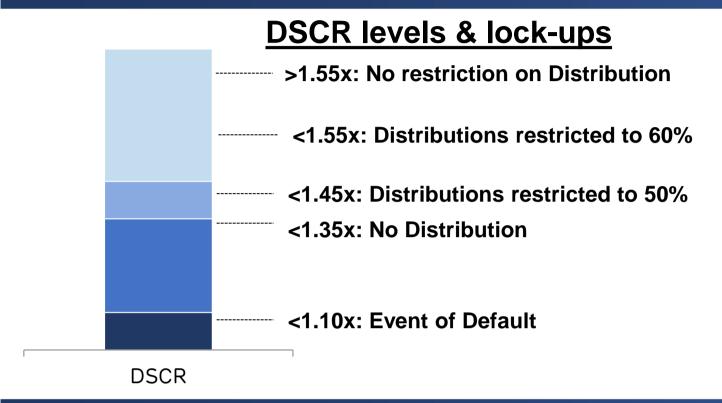


- PLCR >=1.75 to be maintained all the times
- In case of breach, mandatory cash sweep into SDRA to the extent required for compliance with the covenant
- Cash release only post compliance with Debt sizing covenant for two consecutive calculation dates

### Hybrid Renewables RG 1 – Graded DSCR and FFO covenants with cash lock-ups



### Distributions linked to graded debt service coverage ratio



- 100% distribution permitted in case DSCR is greater than 1.55x
- Graded DSCR helps maintain adequate cash flows in case of volatility in irradiation levels or O&M expenses
- Lock-up of certain % of Distributable cash flows depending on DSCR
   ratio attained (Release on restoration of ratio for two consecutive covenant testing periods)
- Event of Default at DSCR below 1.10x

### Addressing receivables risk

**FFO / Net Debt:** General distribution restricted to 75% in case the ratio of FFO to Net debt is below 6%

### Embedded Credit Support Mechanism in Power Purchase Agreement

Built in Credit Support Mechanism Highly rated off-takers

- Portfolio of Sovereign Rated counterparties backed by high collection efficiency and track record of timely collection of receivables.

**Suspension of Supply** 

- Supply of power may be suspended in case of sustained payment default or any other EOD by off-taker under PPA
- Such power may then be sold in the merchant market

### **Regulatory Determination Encourages Timely Payments**

Regulatory Structure
Supports
Timely
Payment

**Penal interest provision** 

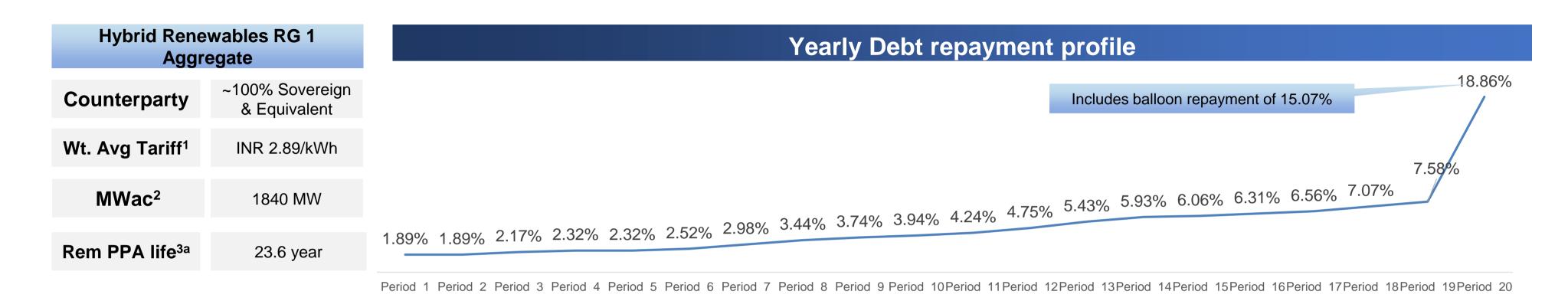
Penal interest provision for any late payment by off-taker

Penal interest pass-through restrictions

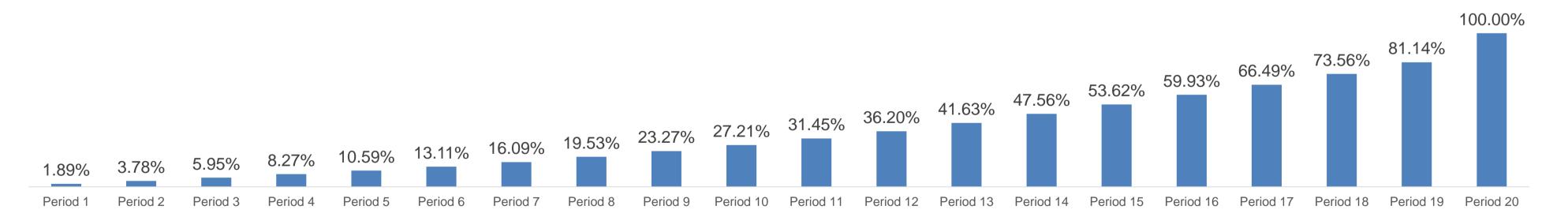
- Limitation on off-taker to pass on the additional cost on account of penal interest to end-users

### Hybrid Renewables RG 1: Senior Debt Tenor Linked To PPA Life





### **Cumulative debt repayment profile**



Debt Repayment : 20 years, weighted average life of 13.6 years; Balance PPA life 23.6 Years Hybrid Renewables RG 1 Assets

- 1. Weighted Average tariff for 25 projects with PPA
- 2. Represents PPA Capacity | Period Includes two Semi Annual calculation period
- 3. As of Jun 30, 2024

### Hybrid Renewables RG 1: Covenants and Structure providing protection against key business risks



### **Key Risk**

### **Inbuilt Strength**

### **Hybrid Renewables RG 1 level Structural Protection**

### Resource



- Detailed resource assessment during development stage
- Studies by reputed consultants

### O&M



- High quality and reliable equipment from tier 1 suppliers
- Must-run status for Renewables in India mitigating volume risk
- Technology enabled O&M (ENOC) maximizing performance and EBITDA margins
- Debt service reserve equal to next 6 months maintained at issuer level
- Submission of compliance certificate on semi-annual basis

PLCR based debt sizing based on P90 generation

### Counterparty



- Obligor group has long-term PPAs with Sovereign and Sovereignequivalent counterparties 100%
- Zero overdue payments for sovereign counterparties

- 100% sovereign & sovereign equivalent counterparties leading to dual IG Ratings
- Built-in covenant min. 65% Adjusted EBITDA from Sovereign & Sovereign Equivalent Off-takers
- 100% bond principal + interest covered by Sovereign Off-taker CFADS
- Flexibility of working capital tie-up in RG issuers, if required

### Insolvency



### **Forex**



Ring-fenced RG issuers

Board approved hedging policy (95% currency risk and 75% of interest risk to be hedged)

- Bankruptcy remote structure
- Cashflow waterfall mechanism

Graded distribution linked to DSCR

**DSRA** maintained for liquidity

6 months Debt service reserve & mandatory capex reserve

- PLCR to be calculated based on weighted average cost of debt (including hedge cost)
- Gain on roll over of hedge contracts to be mandatory transferred to Senior Debt Redemption Account and can not be distributed
- Any Mark to Market loss on swap shall be funded in Senior Debt Redemption Account

### Balloon Repayment



- 100% amortizing debt over PPA term with 2 year tail

 Distribution Lockup beginning from 18<sup>th</sup> year onwards to ensure 100% of cash reserve 6 months in advance available against the Balloon payment

### Hybrid Renewables RG 1: Enhanced Information Covenant



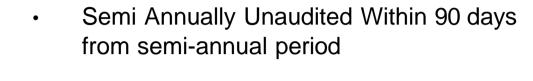
### **Basic Financial and Business Information**

Compliance Certificate



Aggregated Financial statements prepared in accordance with the Ind AS which consist of:

- Financial Position
- Financial Performance
- Cash flow statement



 Annual Audited within 120 days from end of fiscal year

### **Enhanced Information – Compliance Certificate**

### Compliance certificate containing the below Financial Information for calculation period:

- ✓ CUF performance Report
- ✓ DSCR & FFO/Net Debt calculations
- ✓ PLCR for the Calculation Period ending on the relevant Calculation Date
- Confirmation from the Issuer that they are acting prudently
- ✓ Confirmation from Issuer that maintenance required under CUF Report is completed

- Capex forecast to be undertaken by issuers in

   next 6 months commencing on relevant
   calculation date
- ✓ EBITDA attributable to sovereign/ sovereign equivalent counterparties
- Cash balance in each of the Project Accounts as at the calculation date
- Any refinancing plan of issuers during the next 6-monthperiod commencing on relevant calculation date
- Amount available for distribution post compliance

 Adherence to the cashflow waterfall along with Summary of cash flows with aggregate amount that needs to be reserved for business purposes

AGEL's other RG issuances have published 19 compliance certificates Over last 6 years



AGEL RG 1
AGEL RG 2

### **Hybrid Renewables RG 1: Rating Commentary**



### **Fitch**Ratings

### Moody's

	Ratings	BBB-/ Stable (EXP)	Baa3/ Stable
		Underpinned by long-term fixed-price power purchase agreements (PPAs)	Supported by predictable revenues from a portfolio of projects operating under long-term power purchase agreements with central government-linked utilities and AEML (Baa3, stable)
Comm	Commentary	<ul> <li>Commercially proven technology, experienced operations and maintenance (O&amp;M) contractors</li> <li>Adequate financial profile and structural protection, which mitigates refinancing risk</li> </ul>	Further benefits from structural features that should help enhance the resilience of the restricted group's financial metrics in a downside scenario and Support the
		<ul> <li>Noteholders benefit from a standard security package and robust covenants restricting distributions</li> </ul>	repayment of a balloon payment at bond maturity  Expected DSCR to average 1.35x-1.40x over the term under Moody's base case
		• The long term fixed PPAs eliminates merchant price volatility, which support stronger price risk assessment	Supported by its long-term power purchase agreements and high EBITDA margin Operation
		<ul> <li>The rating are stronger than "BBB-" rating, due to considerable rating headroom. However, rating are constraint by "BBB-" linked to AEML and country ceiling</li> </ul>	Moody's expectation that RG-3's financial metrics will remain within the tolerance level set for the Baa3 rating over the next 12-18 months

AEML: Adani Electricity Mumbai Limited

### Hybrid Renewables RG 1: A Compelling Investment Case



### **High Asset Quality**

### **Strong Counterparties & Robust performance**

(Resulting in Dual IG Rating)

### **Investment Grade Rating**

### **Robust structural protections**

### **Green Bond alignment**

**Strong Sponsorship** 

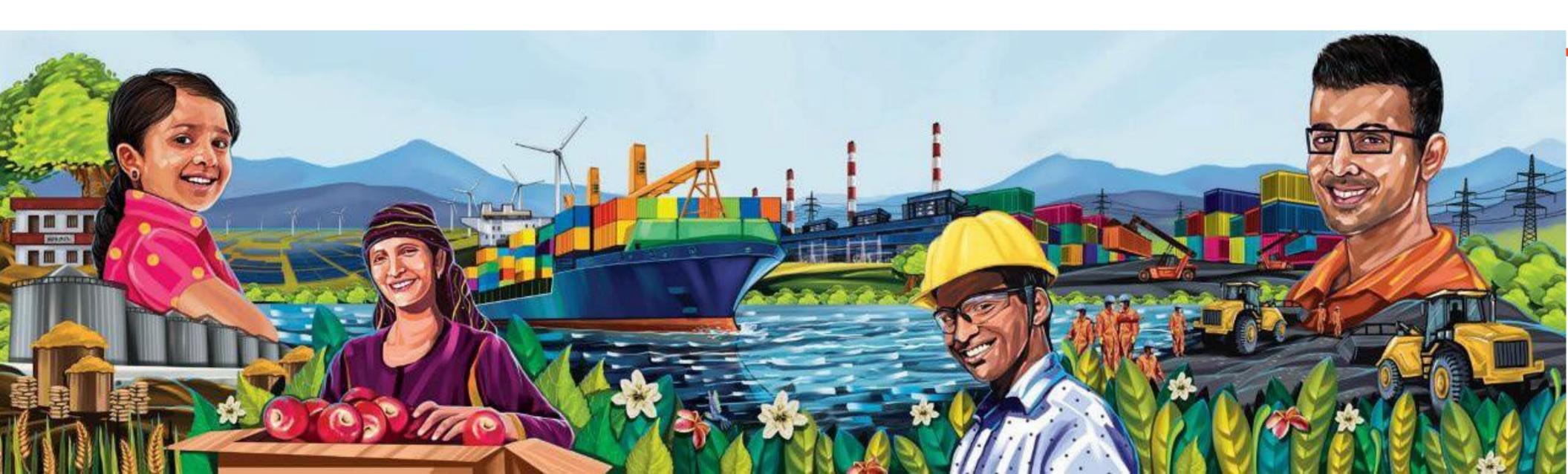
- Infrastructure Development philosophy by Adani integrated as part of projects development
- Project execution with equipment sourced from tier 1 suppliers
- Central monitoring of all project operations through ENOC, High Plant Availability, in-excess of 99.0% supported by CoE AIMSL
- 100% of MW capacity from sovereign & sovereign equivalent off-takers leading to clear Investment grade rating.
- 100% long term contracted capacity
- Asset maintenance protections for investors

### BBB-/Stable (EXP) (Fitch); Baa3/Stable (Moody's)

- Standard project finance features
  - Clean first ranking security | 100% shares of the Co Issuers to be pledged | 6-month Debt Service Reserve and Mandatory capex reserve
  - Graded Debt Service Cover Ratio for distributions | 100% EBITDA from Sovereign & Sovereign Equivalent Counterparties |
     CFADS from Sovereign Off-taker to cover 100% bond principal + interest | Distribution lockup from 18<sup>th</sup> Year onwards to cover final balloon principal + interest payment
- Detailed reporting covenants
- Issuance adhering to Green Bond Framework published by ICMA
- Second party opinion from Sustainable Fitch confirming alignment with Green Bond Principles
- Adani Family: leadership in infrastructure energy & utility and transport & logistics sectors

# adani

### Thank You



# Annexures

Hybrid Renewables RG 1:
Operational & Financial Performance

### Hybrid Renewables RG 1: 100% Operating Portfolio



Name of Company	PPA	T. //o.o.	MW AC		MW DC	Off-		PPA term	COD	Balance	Tariff
	Capacity	Type	Wind	Solar	Solar	taker	Location	life	COD	Plant Life <sup>1</sup>	(Rs./kWh)
Adani Hybrid Energy Jaisalmer One	390	Hybrid	101	360	540	SECI	Rajasthan	25	27-May-22	22.9	2.69
Adani Hybrid Energy Jaisalmer Two	300	Hybrid	76	300	420	SECI	Rajasthan	25	29-Sep-22	23.3	2.69
Adani Hybrid Energy Jaisalmer Four	700	Hybrid	510	600	870	AEML	Rajasthan	25	01-Oct-23	24.3	3.24
Adani Solar Energy Jaisalmer One	450	Hybrid	105	422	630	SECI	Rajasthan	25	04-Dec-22	23.4	2.67
Total	1,840		792	1,682	2,460					23.6	2.89

### Hybrid Renewables RG 1: Financial Summary



		In INR Cr		In USD Mn			
Profit and Loss Summary	For Fiscal year ended March 31, 2023	For Fiscal year ended March 31, 2024	For three month ended June 30, 2024	For Fiscal year ended March 31, 2023	For Fiscal year ended March 31, 2024	For three month ended June 30, 2024	
Total Income	477	1,992	573	57	239	69	
Total Expenses <sup>1</sup>	465	1,988	513	56	238	61	
Adjusted EBITDA	426	1,765	507	51	211	61	
Cash Flow Available From Operations	311	1814	484	37	217	58	
		In INR Cr		In USD Mn			
Equity and Liabilities	As of March 31, 2023	As of March 31, 2024	As of June 30, 2024	As of March 31, 2023	As of March 31, 2024	As of June 30, 2024	
Total Equity	3,674	3,582	3,640	440	429	436	
Borrowing & Lease Liabilities (Non-Current)	11,905	3,072	3,042	1,426	368	365	
Borrowing & Trade Payable (Current)	314	9,089	9,095	38	1,089	1090	
Total Borrowings Liabilities	12,219	12,161	12,137	1,464	1,457	1,455	
Other Non-Current Liabilities	45	61	62	5	7	7	
Other Financial Liabilities (Current)	499	359	612	60	43	73	
Other Current Liabilities	30	32	17	4	4	2	
Total Other Liabilities	574	452	690	69	54	82	
Total Equity and Liabilities	16,467	16,195	16,469	1,973	1,941	1,973	

<sup>1.</sup> Total Expenses Includes Finance Costs, Depreciation and Amortisation Expenses & Other expenses (Includes O&M Expenses)

# Appendix

Historical Compliance Certificates

### **AGEL RG's : Published Compliance Certificates**





### AGEL RG 1 has published 10 Compliance Certificates

Sr no.	Period	Compliance Certificates
1	Sep-19	Compliance report
2	Mar-20	Compliance report
3	Sep-20	Compliance report
4	Mar-21	Compliance report
5	Sep-21	Compliance report
6	Mar-22	Compliance report
7	Sep-22	Compliance report
8	Mar-23	Compliance report
9	Sep-23	Compliance report
10	Mar-24	<b>Compliance report</b>



### AGEL RG 2 has published 9 Compliance Certificates

Sr no.	Period	Compliance Certificates
1	Mar-20	Compliance report
2	Sep-20	Compliance report
3	Mar-21	Compliance report
4	Sep-21	Compliance report
5	Mar-22	Compliance report
6	Sep-22	Compliance report
7	Mar-23	Compliance report
8	Sep-23	Compliance report
9	Mar-24	Compliance report

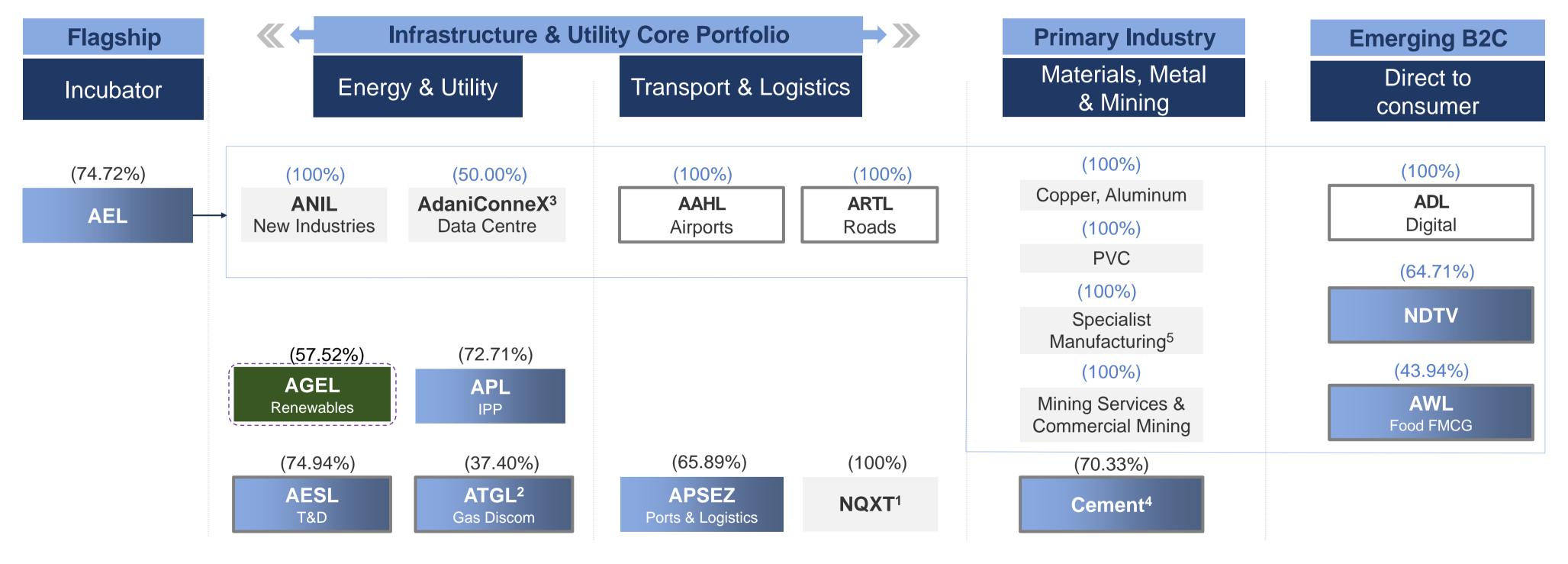
# Appendix

Adani Portfolio Overview

### Adani Portfolio – A World class infrastructure & utility portfolio







(%): Adani Family equity stake in Adani Portfolio companies (%): AEL equity stake in its subsidiaries Listed cos Direct Consumer

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

1. NQXT: North Queensland Export Terminal | 2. ATGL: Adani Total Gas Ltd, JV with Total Energies | 3. Data center, JV with EdgeConnex, | 4. Adani Cement includes 70.33% stake in Ambuja Cements as on 30<sup>th</sup> June, 2024 which in turn owns 50.05% in ACC Limited. Adani directly owns 6.64% stake in ACC Limited. Ambuja Cements Ltd. holds 58.08% stake in Sanghi Industries Ltd. | 5. Includes the manufacturing of Defense and Aerospace Equipment | AEL: Adani Enterprises Limited; APSEZ: Adani Ports and Special Economic Zone Limited; AGEL: Adani Energy Solutions Limited; T&D: Transmission & Distribution; APL: Adani Power Limited; AGEL: Adani Green Energy Limited; AAHL: Adani Airport Holdings Limited; ARTL: Adani Roads Transport Limited; ANIL: Adani New Industries Limited; AWL: Adani Wilmar Limited; ADL: Adani Digital Labs Private Limited; IPP: Independent Power Producer | NDTV: New Delhi Television Ltd | PVC: Polyvinyl Chloride | Promoters holding are as on 30<sup>th</sup> June, 2024.

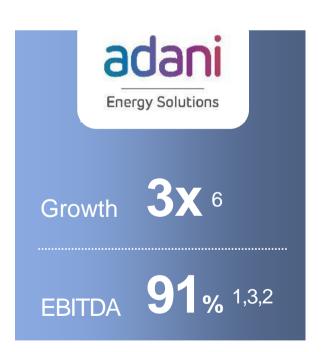
### Adani Portfolio – Decades long track record of industry best growth with national footprint



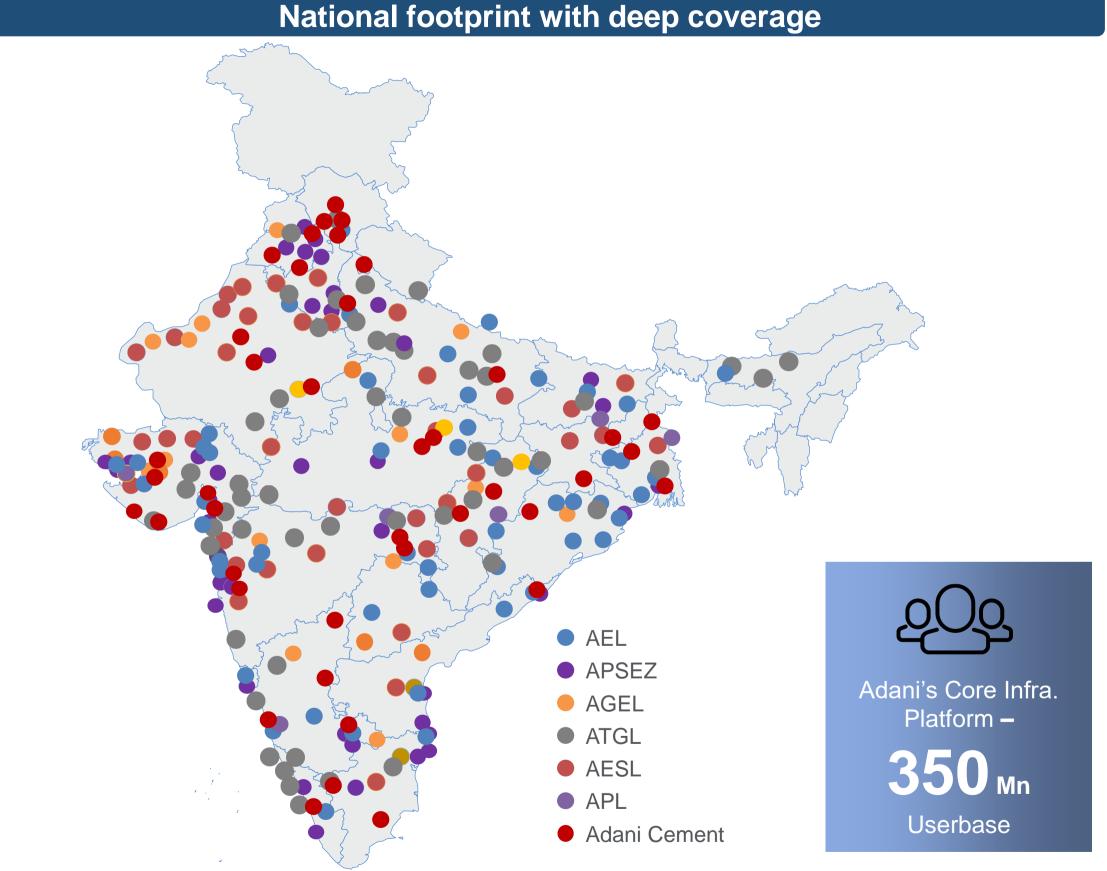
### Secular growth with world leading efficiency

adani				
Ports and Logistics				
Growth	<b>3X</b> 6			
EBITDA	<b>71</b> % 1,2			

	adani Renewables					
Growth	<b>4x</b> 6					
EBITDA	<b>92</b> % 1,4					







Note: 1. Data for FY24; 2. Margin for Indian ports business only I Excludes forex gains/losses; 3. EBITDA: PBT + Depreciation + Net Finance Costs – Other Income; 4. EBITDA Margin represents EBITDA earned from power supply 5. Operating EBITDA margin of transmission business only, does not include distribution business I 6. Growth pertains to expansion and development aligned with market growth. Growth of respective Adani portfolio company vs. Industry growth is as follows: **APSEZ**'s cargo volume surged from 113 MMT to 408 MMT (14%) between 2014 and 2024, outpacing the industry's growth from 972 MMT to 1539 MMT (5%). **AGEL**'s operational capacity expanded from 0.3 GW to 10.9 GW (57%) between 2016 and 2024, surpassing the industry's growth from 46 GW to 143.6 GW (15%). AESL's transmission length increased from 6,950 ckm to 20,509 ckm (14%) between 2016 and 2024, surpassing the industry's growth from 3,41,551 ckm to 4,85,544 ckm (4%). **ATGL** expanded its geographical areas from 6 to 52 (27%) between 2015 and 2024, outperforming the industry's growth from 62 to 307 (19%). PBT: Profit before tax I ATGL:Adani Enterprises Limited I APSEZ: Adani Ports and Special Economic Zone Limited I AESL: Adani Energy Solutions Limited I APL: Adani Power Limited I AGEL: Adani Green Energy Limited I Growth represents the comparison with respective industry segment.

### Adani Portfolio – Repeatable, robust & proven transformative model of investment

Construction

Engineering & design

Sourcing & quality

World's largest single-

(at Khavda)

Framework

**location Renewable Plant** 

Growth Capital - Platform

Infrastructure Financing



### **DEVELOPMENT**

**Site Development** 

Site acquisition

Concessions &

**Longest Private HVDC** 

(Mundra - Mohindergarh)

**Duration** Risk Matching

**Governance & Assurance** 

**Diversified Source of Capital** 

**Investment Case Development** 

Risk Management - Rate & Currency

Line in Asia

### Adani Infra (India) Limited (AIIL)

regulatory agreements

### **Origination**

 Analysis & market intelligence

Viability analysis

**India's Largest Commercial Port** (at Mundra)

ERFORMANCE

MENT

N

Strategic value Mapping

Policy, Strategy & Risk Framework

**Continued** Focus & Investment



**Human Capital Development** 

- Leadership Development Initiatives
  - Investment in Human Capital

### **OPERATIONS**

### **Operations (AIMSL)**

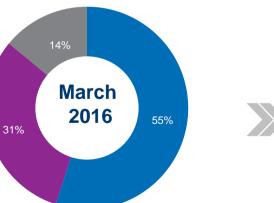
### Operation

- Life cycle O&M planning
- Asset Management plan



(ENOC)





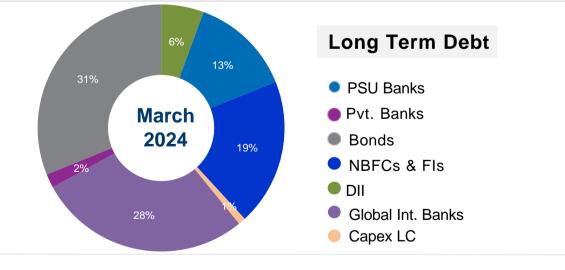
### CONSUMERS

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

### **Inspired Purpose & Value Creation**

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

Adani's Core Infra. Platform -Userbase



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

# Appendix

Other Backup

### Hybrid Renewables RG 1: AEML award of PPA - Process brief



The award of 700 MW capacity to AHEJ4L ("SPV") was obtained through competitive bidding process under RFS issued in accordance with Standard Bidding Guidelines issued by Ministry of Power, and adoption of PPA by regulatory commission of Maharashtra state.

The brief process for approval of tariff is as under:

- Adani Electricity Mumbai Limited (AEML), a *distribution licensee*, issued RFS *under global competitive bidding* in July 2019 based on the Tariff Based Competitive Bidding *(TBCB) guidelines issued by Ministry of Power* for selection of developers for setting up of 350 MW Grid Connected Wind-solar Hybrid Power Projects with Greenshoe Option for additional 350 MW.
- SPV submitted the bid in August 2019 for 350 MW along with 350 MW greenshoe. Along with SPV, other bidders participated in the tender.
- Reverse auction for determination of competitive tariff was conducted in September 2019 wherein AHEJ4L emerged as successful bidder with L1 tariff of Rs. 3.35/kWh among all other bidders.
- Post successful completion of auction, *AEML being the distribution licensee u/r section 14 of Electricity Act 2003*, filed a petition before the authority regulating the supply/ distribution/ trading/ transmission of electricity in the state of Maharashtra i.e. Maharashtra Electricity Regulatory Commission (*MERC*) for approval of discovered tariff for 700 MW on long term determined through competitive bidding under Section 63 of Electricity Act, 2003.
- MERC vide its order dated January 2020 adopted the tariff and accorded approval to AEML for procurement of 700 MW hybrid power basis the tariff of Rs. 3.35 /kWh arrived. AHEJ4L accepted MERC direction and accepted the PPA at a tariff of Rs. 3.24/kWh.

### AGEL: Late Payment Surcharge ("LPS") Rule introduced in 2022



- The MoP (Ministry of Power), on June 3, 2022, notified the *LPS Rules*. The LPS ("Late Payment Surcharge") Rules provide a mechanism for settlement of outstanding dues of generating companies, inter-State transmission licensees and electricity trading licensees.
- Under these rules, overdue payments including late payment surcharge as of the cut-off date of June 3, 2022 were converted into monthly instalments that DISCOMs were to pay over the following 12-48 months
- This has translated to immediate liquidity gains for renewable energy generation companies, and lead to better payment profiles
- DISCOMs to clear fresh dues as per the due date and *Equated Monthly Instalments on time*, going forward, LPS was waived by the GENCOs.
- The scheme aimed at improving the receivables period of leading RE GENCOs by 40-50 days from the then prevailing 180 days.
- As of May 2023, DISCOMs' dues were down by a third to Rs 93,000 crore (~ \$ 11 Bn) within less than a year of enforcing the LPS rules.
- Further, the LPS rules *prohibit DISCOMs from directly charging the end users for late payment surcharges* incurred due to their own delays in settling dues with power GENCOs, i.e., DISCOMs cannot levy any additional charges or increase existing tariffs for end users to recover the surcharges incurred due to delayed payments to GENCOs



### Thank You

