

# Adani Green Energy Limited

**Investor Presentation** 

October 2022



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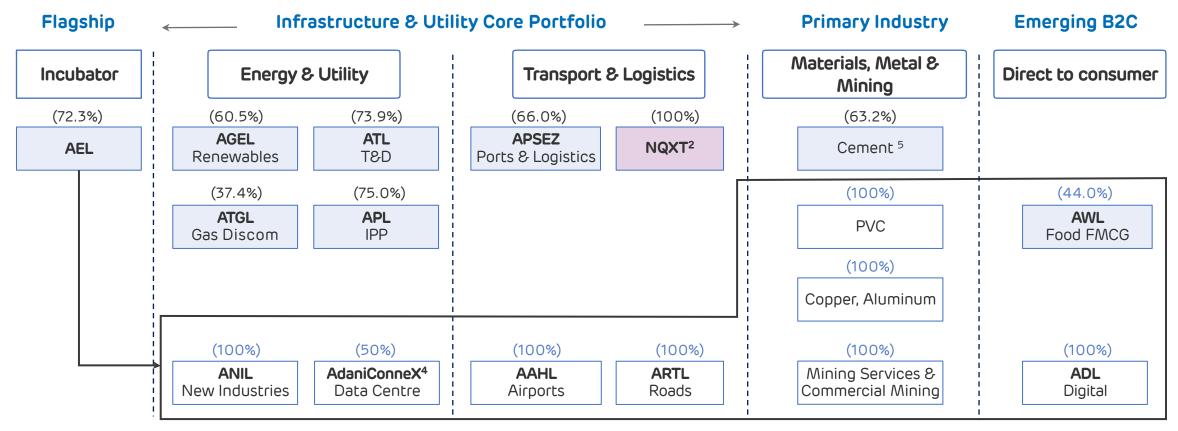


### Adani Portfolio -Overview

## Adani: A World Class Infrastructure & Utility Portfolio



## adani ~USD 240 bn<sup>1</sup> Combined Market Cap



(%): Promoter equity stake in Adani Portfolio companies (%): AEL equity stake in its subsidiaries

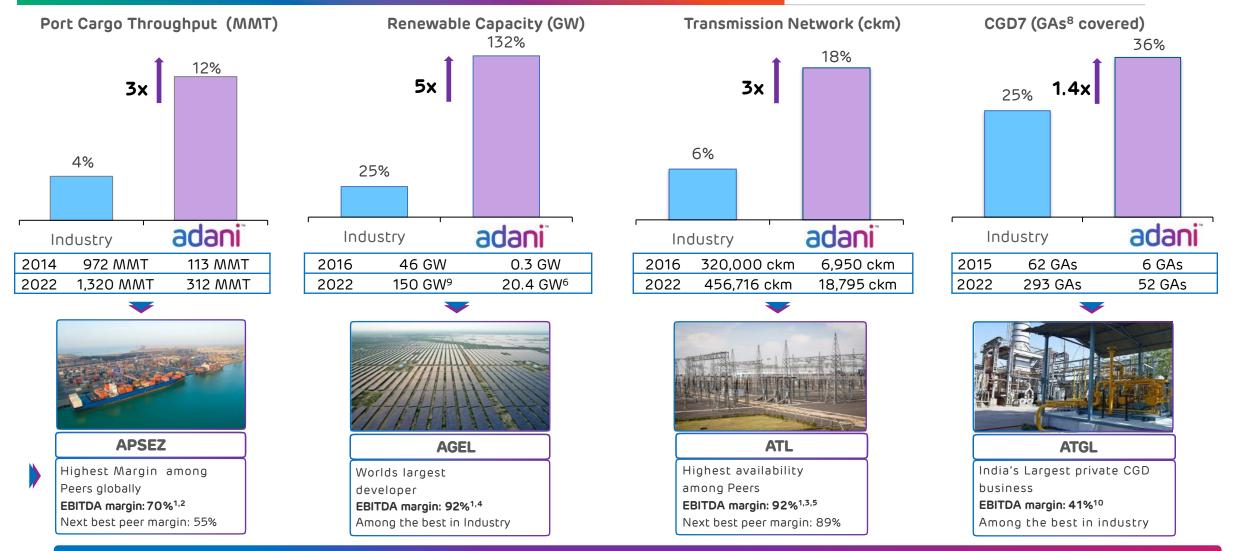
- Represents public traded listed verticals

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

1. Combined market cap of all listed entities as on Sep 30, 2022, USD/INR – 81.55 | 2. NQXT: North Queensland Export Terminal | 3. ATGL: Adani Total Gas Ltd, JV with Total Energies | 4. Data center, JV with EdgeConnex, AEL: Adani Enterprises Limited; APSEZ: Adani Ports and Special Economic Zone Limited; ATL: Adani Transmission 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 Limited; IPP: Independent Power Producer

5. Cement business includes 63.15% stake in Ambuja Cement which in turn owns 50.05% in ACC Limited. Adani directly owns 6.64% stake in ACC Limited. Ambuja and ACC together have a capacity of 66 MTPA, which makes it the second largest cement manufacturer in India.

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



### Transformative model driving scale, growth and free cashflow

Note: 1. Data for FY22; 2. Margin for ports business only, 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. 6. Contracted & awarded capacity 7. CGD: City Gas distribution 8. GAs - Geographical Areas - Including JV | Industry data is from market intelligence 9. This includes 17GW of renewable capacity where PPA has been signed and the capacity is under various stages of implementation and 29GW of capacity where PPA is yet to be signed' 10. Data for FY21

adani

Renewables

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

Renewables

adani

Phase		Development		Operations		· · • • · ·	Post Operations		
	Origination	Site Development	Construction		Operation		Capital	Mgmt	
Activity	<ul><li> Analysis &amp; market intelligence</li><li> Viability analysis</li></ul>	<ul> <li>Site acquisition</li> <li>Concessions &amp; regulatory agreements</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>	ſ	Life cycleO&M planning Asset Management Plan	of the • Opera	easset	apital structure funding consiste	
	India's Largest Commercial Port (at Mundra)	Longest Private HVDC Line in Asia (Mundra - Mohindergarh)	648 MW Ultra Mega Solar Power Plant (at Kamuthi, TamilNadu)		ergy Network Operation nter (ENOC)	utility COP26 • AGEL's <b>Capita</b>	player in India goals - at AE/ tied up " <b>Dive</b> I" with revolvi	<b>rsified Growth</b> ng facility of USD	with 0 1.6
Performance	Highest Margin among Peers	Highest availability	Constructed and Commissioned in nine months	mo acr	ntralized continuous nitoring of plants oss India on a single ud based platform	<ul> <li>Bn - fully fund its entire project pipel</li> <li>Issuance of 20 &amp; 10 year dual tranch bond of USD 750 mn - APSEZ the onl infrastructure company to do so</li> <li>Green bond issuance of USD 750 mn establishes AGEL as India's leading c in the renewable sector</li> </ul>		e /	
	A CONTRACTOR OF					Debt		ving from PSU	
n No	otes <b>SLB</b> : Sustainability Linked	d Bonds, <b>AEML</b> : Adani Electricity M	<b>5U</b> : Public Sector Undertaking (Public I umbai Ltd. <b>IG</b> : Investment Grade, <b>LC</b> : L nference; <b>AGEL</b> : Adani Green Energy Lt	etter c			arch2016	March 2022	

● PSU ● Pvt. Banks ● Bonds ● DII ● Global Int. Banks ● PSU – Capex LC

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



		Secure Sites & Connectivity	Resource Assessment	Construction Readiness	
Development		~2,00,000 acres Resource rich sites in strategic locations "RESOURCE AS VALUE APPROACH"	<b>~40 GW potential</b> 85+ Wind data locations Solar resource assessment completed	Geotechnical studies and detailed design planning, simulations completed	
		100% Contracted Capacity <sup>1</sup>	Technology enabled O&M	Utility based ESG income	
Operations		<b>Fixed tariff</b> PPA life: 25 years Average Portfolio tariff : INR 2.99/unit <sup>2</sup>	<b>ENOC</b> Enabling high margin EBITDA (92% <sup>3</sup> )	Green Certificates Enhancement in the utility linked revenue stream	
[	ר	Efficient Capital Management	Construction Framework Agreement	Investment Grade (IG) Ratings	
Value Creation		Access to International markets Diversified sources of funding Elongated maturities up to 20 years	<b>US\$ 20 bn</b> Fully funded plan, AGEL has completed raising US\$ 1.64 bn	First IG rated Issuance – RG2 Largest HoldCo Issuance Broaden capital pools-144A, REG S, REG D	

### Well positioned for industry leading growth

- 1. Excluding a small merchant solar capacity of 50 MW
- 2. Average tariff for locked-in growth of 20.4 GW
- 3. EBITDA margin from power supply in FY22

PPA: Power Purchase Agreement, ENOC: Energy Network Operations Centre, EBITDA: Earnings before Interest, tax, depreciation & amortization, OPCO: Operational Company, IG: Investment Grade

### Adani and TotalEnergies have a long-term partnership and commitment to expanding the renewable footprint through AGEL

# adani

- Amongst Largest infrastructure and real asset platform with deep expertise and experience in developing large scale infrastructure projects in India
- Fully integrated energy player in India
- Disciplined yet transformational capital management approach, applied across infrastructure sub sectors
- Strong supply chain integration
- Commenced renewable journey in India through AGEL in 2015 setting up the then largest solar power project in the world
- AGEL has signed UN Energy Compact committing to develop and operate Renewable Energy Generation Capacity of 25 GW by 2025 and 45 GW by 2030 and to keep average tariff below Average Power Purchase Cost at national level



- One of the largest energy players in the world with presence across
   130 countries & a leading liquefied natural gas player globally
- Net Zero ambition by 2050 and ambition to achieve 100 GW of gross installed renewable power generation capacity by 2030.
- Deep focus on new renewable energy technology R&D to reduce cost of energy and assist in grid adoption
- Adani and TotalEnergies have formed a "strategic alliance" across renewables, city gas distribution, LNG terminals.
- TotalEnergies owns 19.7% stake <sup>1</sup> in AGEL and 50% Stake <sup>2</sup> in Adani
   Green Energy Twenty-Three Limited (housing 2.3 GW of operating solar projects)
- TotalEnergies has board representation in AGEL and is present on Audit Committee of AGEL

### Embedded Teams in plant O&M and development for exchanging ideas and best practices

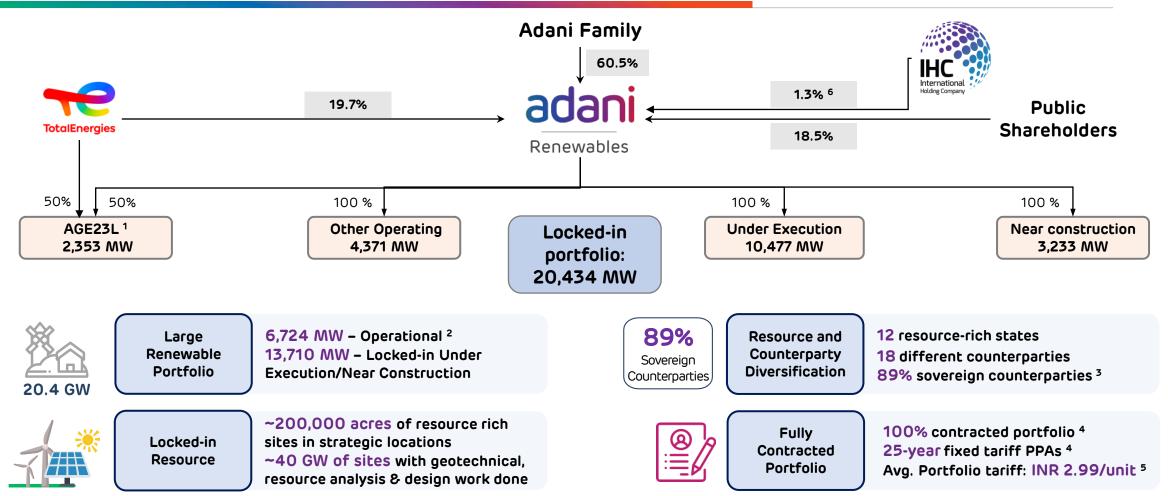
Adani and TotalEnergies jointly working to achieve global best practices of governance





## Adani Green Energy Limited (AGEL): Company Profile

## AGEL at a glance



### Renewable capacity of 20.4 GW is fully funded and confirmed

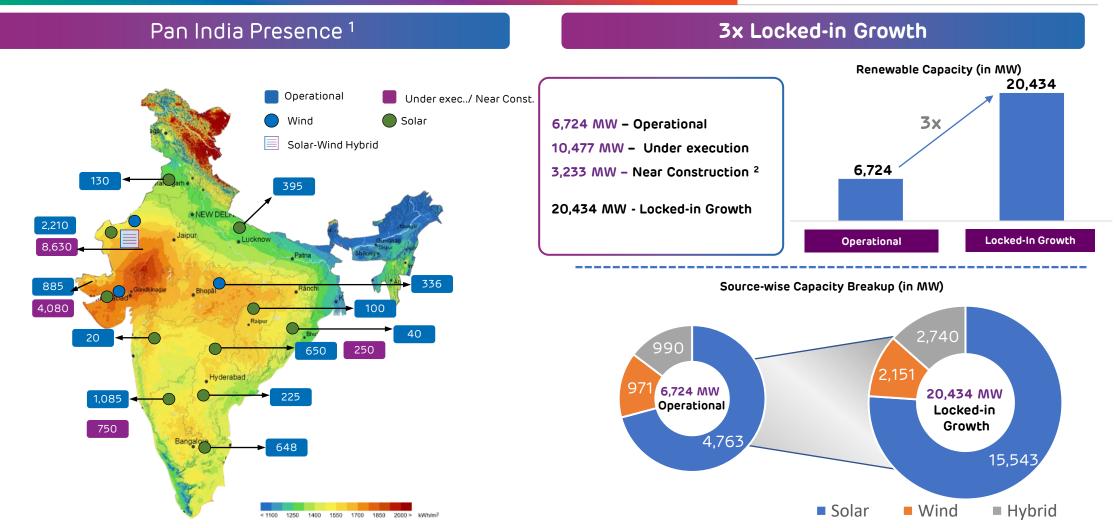
 $^{\rm 1}$  Includes RG 1 (Restricted Group 1) and RG 2 (Restricted Group 2) SPVs

- <sup>2</sup> Declared operational capacity as of 30-Sep-2022
- <sup>3</sup> Includes 5% sovereign equivalent rated counterparties Gujarat Urja Vikas Nigam Limited (GUVNL) and Adani Electricity Mumbai Limited (AEML)
- $^{\rm 4}$  Excluding a small merchant solar capacity of 50 MW
- $^{\rm 5}$  Average tariff for locked-in growth of 20.4 GW
- <sup>6</sup> In Q1 FY23, Abu Dhabi based International Holding Company PJSC (IHC) invested ~ USD 500 mn as primary capital towards acquisition of 1.26% equity stake in AGEL

Capacity in MW<sub>AC</sub>; Under Execution projects include capacity where PPA is signed, Near Construction projects include capacity awarded and is pending for PPA execution.

## AGEL: Leading Renewable Energy player in India





### Signed UN Energy Compact committing to develop and operate 45 GW renewable energy capacity by 2030

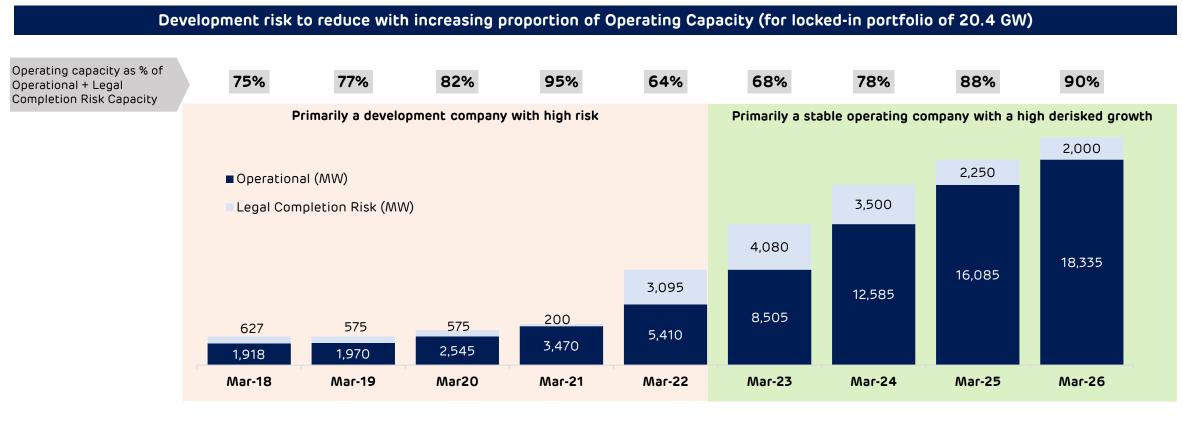
1. The indicated location for projects under execution/ near construction is based on current planning and is subject to change.

2. Includes projects for which Letter of Award has been received and PPA is to be signed.

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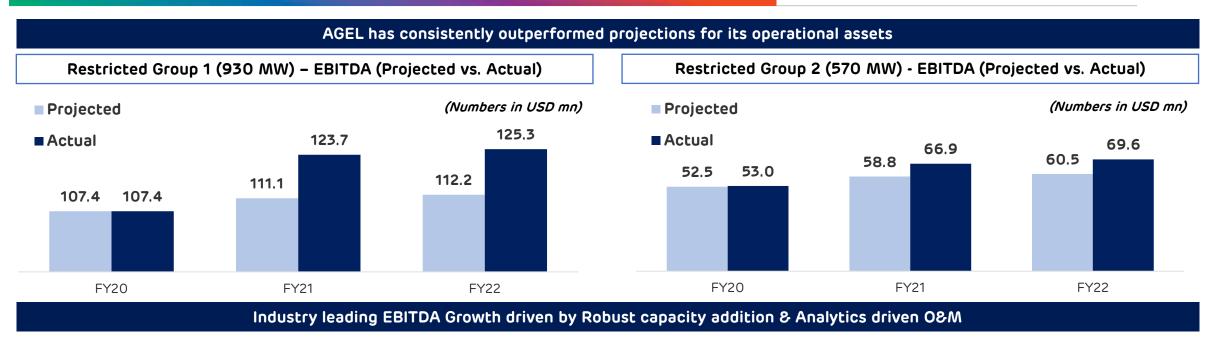
Assets contracted under 25 year PPA, **89% of contracted capacity on fully built basis is contracted to sovereign / sovereign** equivalent counterparties

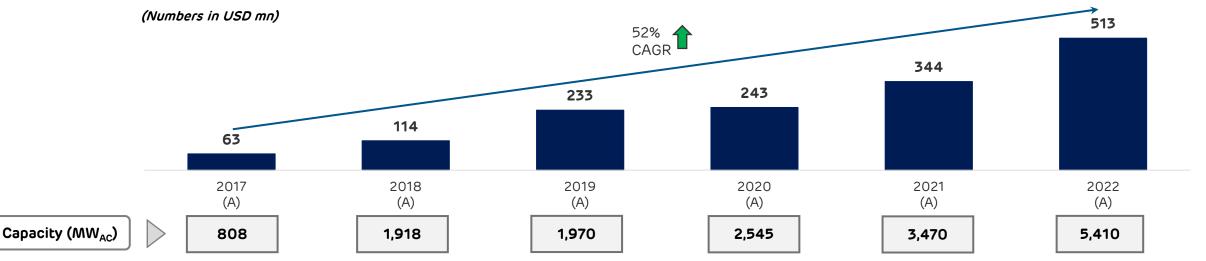


Addition to Operational capacity during the year (MW AC)	1,940	3,095	4,080	3,500	2,250
Installed PPA Capacity (MW AC)	5,410	8,505	12,585	16,085	18,335

# Track record of high growth coupled with actual performance consistently higher than projections







USD/INR = 76.50





## Adani Green Energy Limited (AGEL): Business Philosophy

## Business Philosophy focusing on De-risking at every stage of project lifecycle



### DE-RISKING AT EVERY STAGE

### Site and Evacuation

- ~40GW of strategic sites with geotechnical, resource analysis & design work done
- ~200,000 acres of land available
- Clear visibility on evacuation infrastructure
- "Resource as Value Approach"

### Strong in-house Capabilities

- Execution experience over 320 sites across India
- 20,000 vendor network
- Inhouse R&D on new renewable technologies

### **Capital Management**

- HoldCo. Sr. facility limits of USD 1.7 bn available to fully fund growth
- Takeout of construction debt post commissioning
- Maintain IG rating framework for future issuances



### **Project Execution**

- PMAG Central team with deep experience
- Example: Execution of 648 MW Kamuthi Solar Project
- GW+ scale sites

### **Construction Finance**

- Construction framework consistent with stage of project execution
- LC facility to finance equipment purchase
- Example: Framework Agreement of US\$ 1.64 bn with international banks fully funds pipeline

### Tech Enabled Operations - ENOC

- Life cycle O&M planning
- Strong integration of technology with Energy Network Operations Center

### **DE-RISKING AT EVERY STAGE**

**GW:** Gigawatt; **O&M**: Operations and Management; **LC**: Letter of Credit; **R&D**: Research & Development; **IG**: Investment Grade; **PMAG**: Project Management & Assurance Group; **MW**: Megawatt; **ENOC**: Energy Network Operations Center

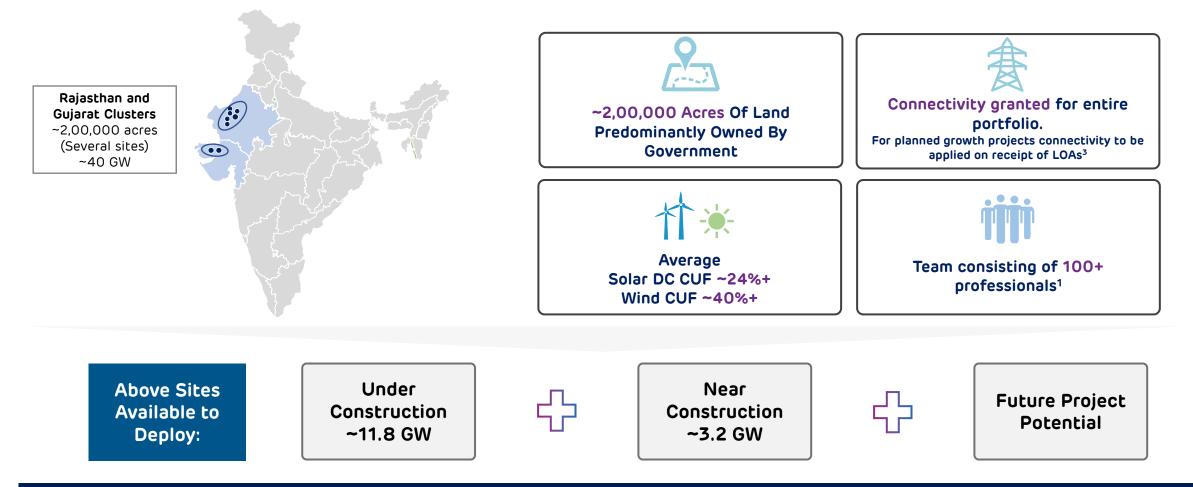


3a. Strategic Sites & Evacuation

## Construction ready Strategic Sites with high resource potential (40GW)



### Identified high resource potential sites of ~2,00,000 acres in Rajasthan and Gujarat



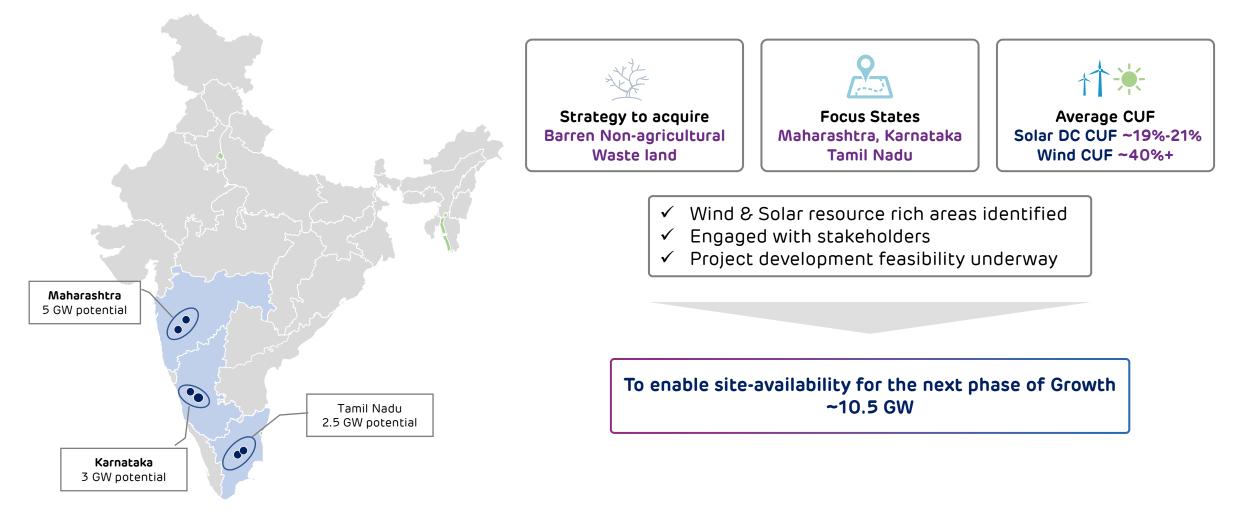
Executing projects at above sites would take AGEL portfolio to >40 GW (~20.4 GW of operational, under & near construction projects and 20 GW of future project potential)

- 1. Team hiring in progress
- 2. DC Direct Current; CUF Capacity Utilization Factor
- 3. LOA: Letter of award received from power purchaser on winning the bid

## Additional Sites under Development (10.5 GW)

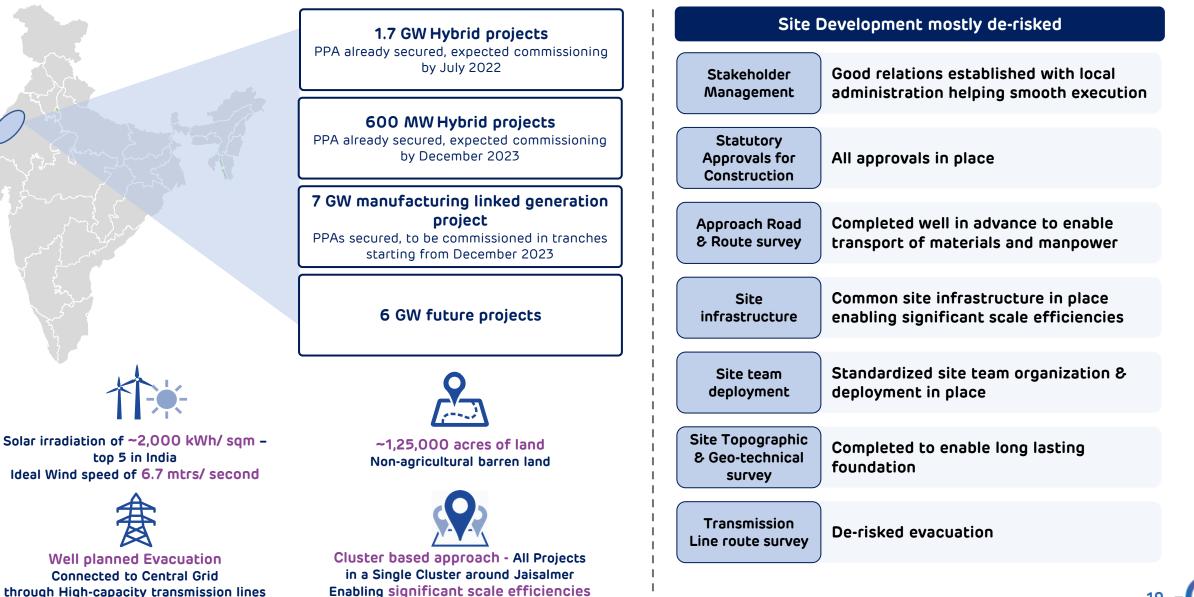


Future Readiness with High Resource Potential sites in Maharashtra, Karnataka, Tamil Nadu



## Case Study: Renewable cluster deployment of up to 15 GW in Rajasthan







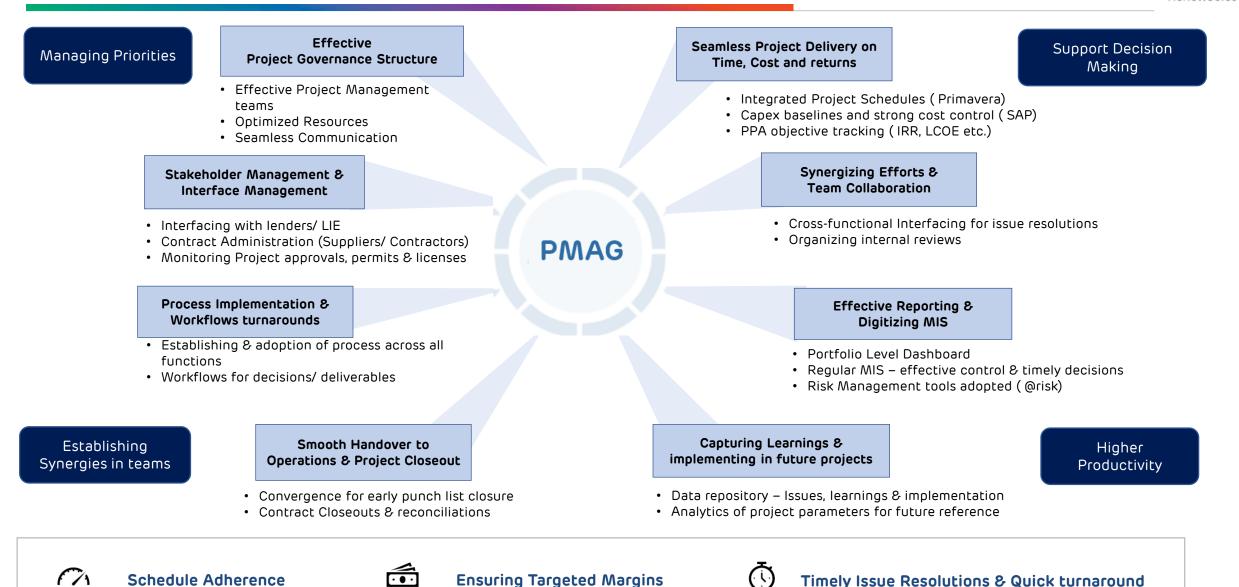
3b. Project Management & Assurance Group (PMAG)

## Project Management & Assurance Group (PMAG) - End to end project integration adani

Project Development & Bidding, Execution Operations **Basic Engineering** Site Scouting Concept Integrated Project Management Commissioning Strength: Team of 90 professionals having hands-on experience of above 2,000 man-years of complete project management cycle of small, medium & large projects **Bidding Stage Project Development Project Close Out Project Execution**  Facilitating the Handover & Integrating & providing cross Collaborates for Technology Integrated L3 Project Schedule punch list closure functional support for Bidding Process finalization & Scope Baselining Cost and Resource plans Preparing & release of Execution Issue & Risk Management Contract Closures Site / Site Location Assessment. Close Out Report coordinating for field visits Supply Chain Management Strategy Material Reconciliation Bid stage scope finalization & Finalize Contracting Strategy Contract Administration Detailed Project Report Spares Handover Contractor & Vendor Management technology adoption with engineering Closure of LIE and Lender Reports Ibid Stage Cost Estimates Coordinating for connectivity & Change Management In case of M&A's, collaborating and Monitoring Approvals, Permits & Stakeholder Recognition evacuation Finalizing the Final Costs assessment of M&A assets Level 1 Project Schedule Licenses Ensuring As built drawings Managing Lenders & LIE interface Capex Budgets and Estimates Risk Assessment & plan Cash Flow Management Procurement Planning Project Monitoring & Control Financial Closure Plans Mid Course Corrections (Catch up) **Strong Project Controls** (~~) **Effective Project Delivery** ବ୍ୟୁତ  $\mathfrak{M}$ Collaborating & Convergence

## Project Management & Assurance Group (PMAG) – Impact & Value additions

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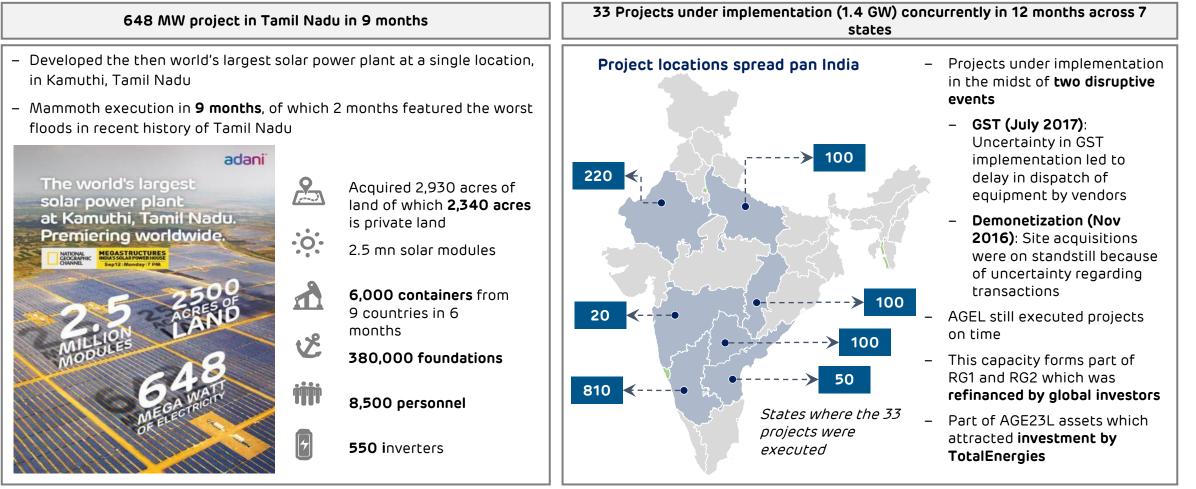


## Demonstrated Project Execution Capability



### Project Management & Assurance Group (PMAG) for control over end-to-end project execution

- Team of 90 professionals having hands-on experience of 2,000+ man-years of complete project management cycle
- Capacity addition of 925 MW in FY21 during COVID19 pandemic of which greenfield capacity of 575 MW was commissioned up-to 160 days ahead of applicable scheduled COD, balance capacity was acquired





3c. O&M Capabilities

## Technology Enabled Operational Excellence

- AGEL operating assets currently spread across 12 states. Portfolio managed by O&M team of ~ 630 personnel
- Cluster based operating model enabling smooth governance and efficient utilization of manpower and spares: Personnel spread across Central office → Cluster teams
   (5 regional cluster teams) → Site personnel

### ENOC driven Predictive Analytics leading to cost efficient O&M and high performance

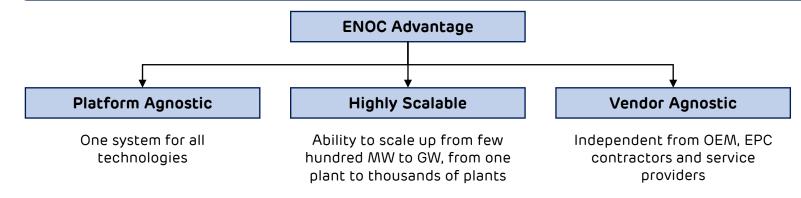
Energy Network Operations Centre connected to Solar & Wind plants across 12 States



- Remote management of all sites from single location to help rapid scale-up of capacity
- Cutting-edge advanced analytics cloud-based platform
  - Provides predictive maintenance inputs reducing frequency of scheduled maintenance and reduced mean time between failure
  - ✓ Automatically recommends **smart corrective actions in real time** reducing mean time to repair
  - ✓ Detailed insights into plant and portfolio performance with access across multiple devices /locations
  - ✓ Backend machine learning and artificial Intelligence for continuously improving insights

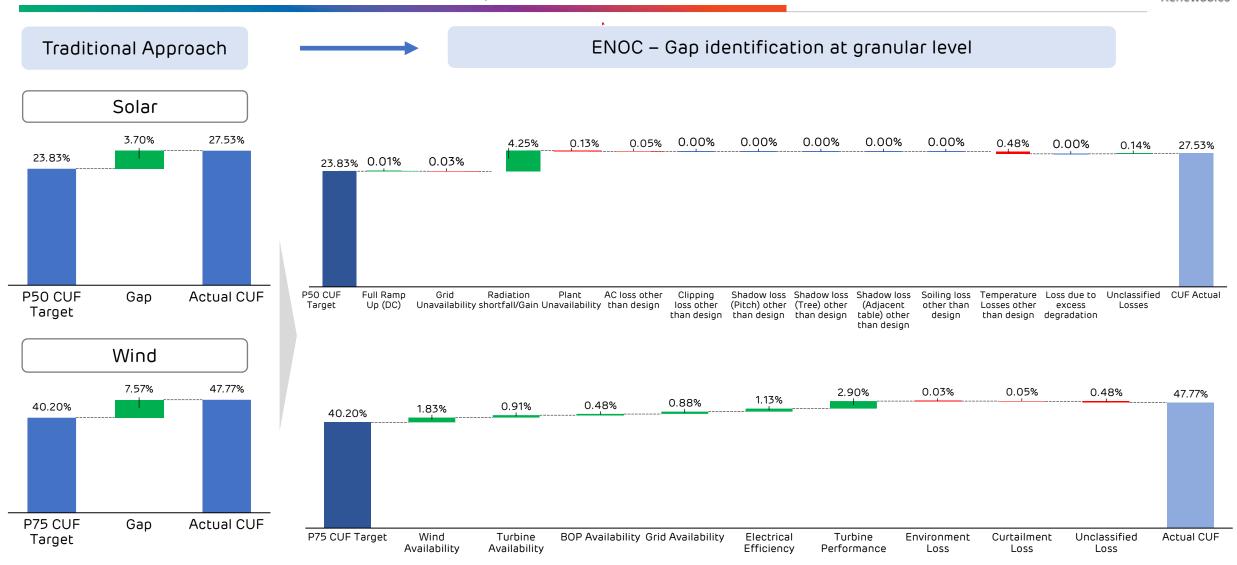
### Full Industrial Cloud under development

### Integration of acquired SB Energy operating portfolio of 1.7 GW into ENOC platform



- ENOC is a plug-in play and scalable platform which can seamlessly integrate any new platform housing a third-party portfolio
- AGEL acquired SB Energy portfolio on 30th Sep. 2022. The target portfolio was integrated with Adani ENOC facility within 1 week of acquisition date

## Granular CUF Waterfall to identify Generation losses



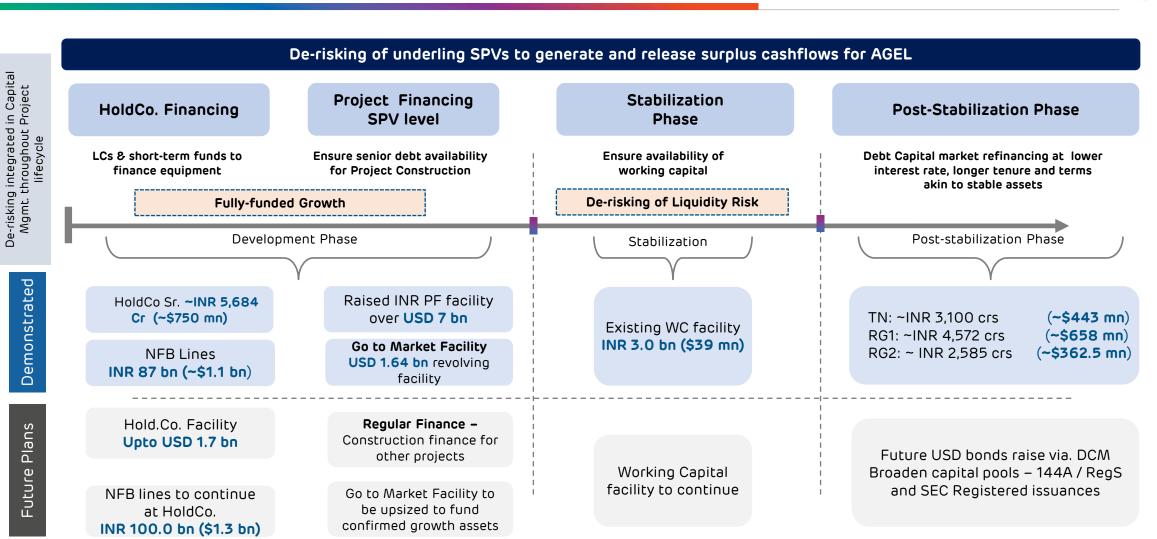
ENOC enables actionable insights by allowing to do granular gap analysis between achieved & targeted CUF

adani Renewables



3d. Capital Management Philosophy

## Replicating Adani Business Model: Capital Management Philosophy



Maximising Stakeholder Value & De-risking projects with Disciplined Capital Management

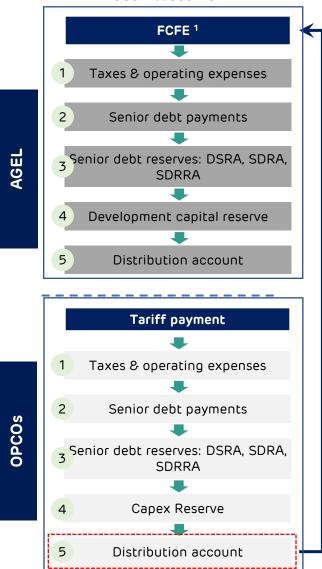
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## HoldCo Financing: Maiden HoldCo Green Bond Issuance by AGEL

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- AGEL raised USD 750 mn through Holdco bond issuance under the 144A / Reg S format with flexibility to raise additional USD 950 mn to fund future growth.
   All round participation from Real Money Investors, comprising 48% from Asia, 28% from Europe, Middle East and
- All round participation from Real Money Investors, comprising 48% from Asia, 28% from Europe, Middle East and Africa and 24% from North America.
- Vigeo Eiris provided a Second Party Opinion on AGEL's Green Financing framework. KPMG provided independent assurance for the same.
- Issuance was rated 'Ba3/Stable' by Moody's.
- Predictable cash flow backed by long-term power purchase agreements (PPAs)
- Operating projects had an average remaining life of around 20 years
- Supported by its large and diversified portfolio of solar and wind generation projects
- Rating Rationale

**Key features** 

of the issue

- Demonstrated capacity to deliver on growth projects
- Experienced board members in the areas of corporate governance, business strategy, operational and financial capabilities
- Credit profile supported by its substantial shareholders Adani Group & TotalEnergies SE

### Debt Sizing

ListCo Senior Debt Sizing criteria linked to FCFE - Lower of (a) or (b) :

- a) Discounted FCFE: next 10 years Discounted FCFE with cover of 1.6x
- b) Forecasted FCFE: next 12 months FCFE with multiple of 5x

Subject to Overall Cap of ListCo Senior Debt \$1.7 bn

#### Unique covenants Structure

### Cash Sweep

In case of breach of Debt Sizing covenant, it shall result into mandatory cash sweep into SDRA

### Credit Protection Lock-up

 If consolidated Net Consolidated Debt to Run-rate EBITDA is above 7.5x, it shall result in lock-up of 50% surplus cash in SDRRA

## Construction Financing: Fully Funded Growth through Construction Framework Agreement



- AGEL has signed up Construction Framework Agreement for under construction projects for US\$1.35 bn with 12 international banks
- Revolving capex facility: 1,690 MW hybrid projects funded as first set of projects, takeout within COD + 1 year (post stabilization)
- Facility available to fund new projects post takeout through the framework, fully finance the growth of AGEL
- Banks recently completed site visit of the 1,690 MW in Jaisalmer in Apr 2022, attended by over 11 banks / financials institutions

### Key Features of Construction Facility

Access to large liquidity pool

-	Participation f	rom 12 leading
	international t	banks

- Diverse funding pool (UK, Asia, Europe)
- Current participation expanded to 16 banks through syndication

Partic	cipating	Banks
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Standard Chartered	Mizuho
MUFG	DBS
SMBC	Rabobank
BNP Paribas	Deutsche Bank
Siemens	ING Bank
Barclays	Intesa Sanpaolo
BIM	BIC
НКМС	BPI

#### Framework Agreement

- Framework agreement for financing new projects
- Upfront agreement with lenders on
  - Project Parameters
  - Due Diligence protocols
  - Legal documents
  - Approved suppliers
- Pre agreed credit evaluation metrices → faster financial closure
- Go-to-Market construct built in documentation with upfront Scenario Rating from international rating agency
- Aligned with AGEL's capital management philosophy

### Due Diligence (DD) readiness

- Internal processes aligned for DD of new projects
- Standardized EPC and O&M contracts based on global best practices
- Projects under this facility will be DD ready during takeout

## Diligence conducted by reputed global agencies

Diligence Study	Agency
EYA	UL
ESIA, CHA, Bird & Bat Monitoring	ERM
ESDD	ARCADIS
LIA	Marsh
Scenario Ratings	Fitch Ratings
Green Loan Advisor	KPMG

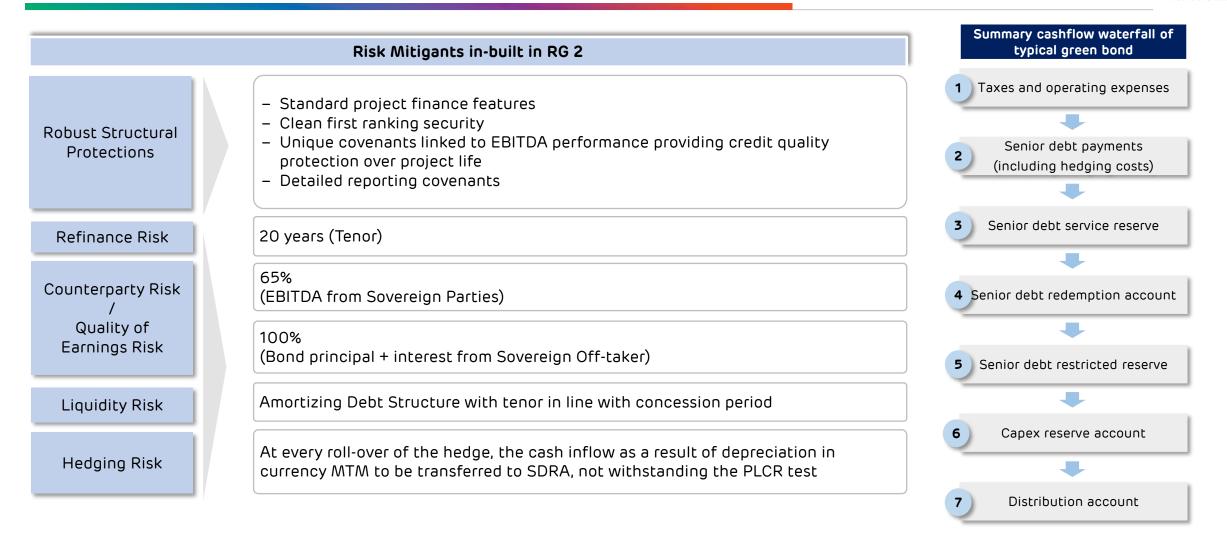
### Conditions aligned with business

- Framework Agreement validates the overall infrastructure model with robust diligence parameters
- Non-recourse debt with only specific Completion support requirement from AGEL
- Flexibility for raising other project level debt WC debt
- Overall Compliance protocol akin to public market offering from construction stage

COD: Commissioning date; UK: United Kingdom; EPC: Engineering, procurement, and construction; LC: Letter of credit; WC: Working Capital; O&M: Operations & Maintenance; EYA: Energy Yield Assessment, ESIA: Environmental Social Impact Assessment, CHA: Critical Habitat Assessment, ESDD: Environmental Social Due Diligence, LIA: Lender Insurance Agent, LIE: Lender Independent Engineer; HKMC: The Hong Kong Mortgage Corporation Limited; BPI: Bank of the Philippine Islands; SMBC: Sumitomo Mitsui Banking Corporation; BIM: Bayfront Infrastructure Management Pte. Ltd; BIC: Bayfront Infrastructure Capital II Pte. Ltd.

### Takeout Financing: Established template of financing from debt capital markets, adani replicable in future

Renewables



### Efficient Risk Reduction Leading To Lower Costs & Extended Maturities





## Adani Green Energy Limited (AGEL): ESG

## AGEL : Robust ESG Assurance Framework



- Won 2021 Golden Peacock Award for Sustainability
- ✓ CSRHub (Consensus ESG Rating) ranking of 96 percentile, with consistent ranking above Alternative Energy industry average
- Scored 66/100 in DJSI-S&P Global Corporate Sustainability Assessment, 2<sup>nd</sup> best in Indian Electric Utility sector and significantly better than average World Electric Utility score of 38/100
- ✓ MSCI assigned ESG Rating of 'A'
- ✓ CDP 2021 score of 'B'
- FTSE ESG rating of 3.2 and constituent of 'FTSE4Good' index series
- CRISIL assigned ESG score of 66/ 100, the highest in Power sector



- To develop and operate renewable energy capacity of 45 GW by 2030
- To be Single-use-Plastic-Free (SuPF) company (achieved for 100% operational capacity as of FY22)
- To become Zero-Waste-to-Landfill (ZWL) company by FY25
- To become net water neutral for plants more than 200 MW by FY25
- Committed to Health and Safety of workforce with Zero Harm and Zero Leak objective
- Inclusive growth by sustaining communities to ensure social license to operate

ESG: Environmental, Social & Governance; SBTi: Science Based Targets initiative; GRI: Global Reporting Initiative; CDP: Carbon Disclosure Project; TCFD: Task Force on Climate-Related Financial Disclosures; GHG: Greenhouse Gases; UNSDG: United Nations Sustainable Development Group; CSR: Corporate Social Responsibility; IMS: Integrated Management System that essentially combines ISO 9001, 14001, 45001, 50001, & 55001

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## AGEL: Update on ESG Program

Guiding Principles	Disclosure Standards		
<ul> <li>Signatory to United Nations Global Compact (UNGC): Submitted first Communication on Progress (COP) for FY21</li> </ul>	<ul> <li>TCFD: Supports TCFD and the annual ESG Report enumerates progress on Governance; Strategy; Metrics and Targets and Risk Management approach, including climate scenario analysis</li> </ul>		
✓ UN Sustainable Development Goals:	✓ GRI Standards: Based on the Comprehensive option, publishing		
✓ Signatory to UN Energy Compact in line with SDG 7 (Affordable and Clean Energy)	externally assured annual ESG Report		
✓ AGEL becomes 1st company from India to achieve GRI South Asia Sustainability Imperatives Charter Member status in 2021	<ul> <li>CDP Disclosure: Information submitted as per CDP Climate Change Disclosure standards for FY21 and in process for FY22</li> </ul>		
<ul> <li>Science Based Targets Initiative (SBTi): Signed MOU with CDP for 'The Science Based Targets Initiative Incubator Project' (SBTiIP) to advance from commitment stage to target development stage</li> </ul>	<ul> <li>SEBI prescribed Business Responsibility and Sustainability Report (BRSR): Published as part of the Integrated Report for FY22 ahead of mandatory adoption from FY23</li> </ul>		

Indicator	FY25 Target	FY23 Target	Status: Q1 FY23
Water neutral operating capacity (MW) for plants > 200 MW	100%	60%	42%
Zero waste to landfill operating capacity (MW)	100%	50%	#
Single use plastic free operating capacity (MW)	100%	100% (Already achieved in FY22)	100%*

**Key Commitments** 

# Implementation underway, external certification to follow

 $^{\ast}$  Certification is in process for plants commissioned in Q1 FY23

Published Business Responsibility and Sustainability Report (BRSR) for FY22 ahead of mandatory adoption from FY23

ESG: Environmental, Social & Governance; GRI: Global Reporting Initiative; CDP: Carbon Disclosure Project; TCFD: Task Force on Climate-Related Financial Disclosures; GHG: Greenhouse Gases; UNSDG: United Nations Sustainable Development Group

## AGEL: Update on ESG Program



	> Bio-diversity management
Pollution control & GHG emission reduction	$\checkmark$ Adopted a Technical Standard, developed in association with CII following
✓ <b>4 Mn ton CO</b> <sub>2</sub> emission avoided in Q1 FY23	IBBI Principles and IUCN Standard, to ensure 'No Net Loss' of biodiversity across all plants
<ul> <li>99.8% less emission Intensity per unit of generation (0.0018GHG tCO<sub>2</sub> / MWh) in Q1 FY23 v/s Indian grid average of 0.79 tCO<sub>2</sub> / MWh</li> <li>Resource conservation</li> </ul>	> Occupational Health & Safety
	✓ 'NII' LTIFR in Q1 FY23
	9.77 mn continuous safe man hours in Q1 FY23
✓ 99.5% less Fresh Water consumption per unit of generation (0.02 kl/MWh) in Q1 FY23 as against 3.5 kl / MWh, statutory limit for thermal power	33251 workman training hours on safety in Q1 FY23
✓ 100% of AGEL's operating capacity is now single-use plastic free under CII	Sustainable Livelihood
Plastic Protocol	✓ 939 direct/ indirect job opportunities provided in Q1 FY23
	✓ Employee retention rate of 95% in Q1 FY23

Governance - Revised Board of Charter implemented				
> Newly formed Board Committees				
✓ Corporate Responsibility Committee with 100% Independent Directors to assure implementation of ESG commitments	Increased percentage of Independence Directors in Existing Board Committees			
✓ New Sub-Committees of Risk Management Committee with at least 50% Independent Directors	<ul> <li>✓ Increased from 75% to 100% for Audit Committee and Nomination and Remuneration Committee</li> </ul>			
<ul> <li>✓ Mergers &amp; Acquisitions Committee</li> <li>✓ Legal, Regulatory &amp; Tax Committee</li> </ul>	<ul> <li>✓ Increased from 33% to at least 75% for Corporate Social Responsibility Committee</li> <li>✓ Increased from 33% to at least 50% for Risk Management Committee</li> </ul>			
<ul> <li>✓ Reputation Risk Committee</li> <li>✓ Information Technology &amp; Data Security Committee with at least 50% Independent Directors</li> </ul>	<ul> <li>To be at least 50% for Stakeholders Relationship Committee</li> </ul>			

ESG: Environmental, Social & Governance; GRI: Global Reporting Initiative; CDP: Carbon Disclosure Project; TCFD: Task Force on Climate-Related Financial Disclosures; GHG: Greenhouse Gases; UNSDG: United Nations Sustainable Development Group, LTIFR: Lost Time Injury Frequency Rate

## AGEL- Adopted UN Sustainable Development Goals



United Nations Sustainable Development Goals 2030	Our Key	Social Initiat	ives mapped to UNSDG
1 POVERTY 2 ZERO 1 POVERTY 2 HUNGER 3 GOOD HEALTH 1 POVERTY 2 HUNGER 5 GENDER 1 POVERTY 5 GENDER 1 POVERTY 5 GENDER 1 POVERTY 5 GENDER 1 POVERTY 5 GENDER	<b>Education</b> 4. Quality Education	Karnataka	<ul> <li>Armchairs, round table, water purifier, LED television provided for school children at Kappekeri village, Karnataka.</li> </ul>
6 CLEAN WATER AND SANITATION       7 AFFORMABLE AND CLEAN ENERGY       8 DECENT WORK AND CHONOMIC GROWTH       9 INDUSTRY ENTIMATION AND THE DUBLIC CLEAN ENERGY         Image: Clean water and clean energy       Image: Clean water and clean energy       Image: Clean water and clean energy       Image: Clean water and clean energy         Image: Clean water and clean energy       Image: Clean energy       Image: Clean energy       Image: Clean energy       Image: Clean energy         Image: Clean energy       Image: Clean energy       Image: Clean energy       Image: Clean energy       Image: Clean energy       Image: Clean energy         Image: Clean energy       Image: Clean energy       Image: Clean energy       Image: Clean energy       Image: Clean energy       Image: Clean energy         Image: Clean energy       Image: Clean energy       Image: Clean energy       Image: Clean energy       Image: Clean energy       Image: Clean energy         Image: Clean energy       Image: Clean energy       Image: Clean energy       Image: Clean energy       Image: Clean energy       Image: Clean energy         Image: Clean energy       Image: Clean energy       Image: Clean energy       Image: Clean energy       Image: Clean energy       Image: Clean energy         Image: Clean energy       Image: Clean energy       Image: Clean energy       Image: Clean energy       Image: Clean energy       Image: Clean energy      <	<b>Livelihood</b> 8. Decent Work & Economic Growth	Multiple Locations	<ul> <li>939 direct/ indirect job opportunities provided in Q1 FY23</li> <li>First progress report on UNGC's Ten Principles incl. Human Rights submitted in September 2021</li> </ul>
11 SUSTAINABLE CITIES       Image: Comparison of the compariso	<b>Climate Chnage</b> 7. Affordable and Clean Energy 13. Climate Action 15. Life on Land	Multiple Locations	<ul> <li>Current average portfolio tariff of Rs. 2.99 per unit much lower than APPC of Rs. 3.85 per unit</li> <li>Renewable capacity target of 45 GW by 2030</li> <li>AGEL's Energy Compact is accepted by United Nations and showcased at COP 26 meeting in UK</li> <li>Environmental and social risk assessment conducted by third party for 450 MW Hybrid Projects in Rajasthan and SECI-VIII project in Gujarat</li> </ul>
Key Focus Areas 7 AFEORDABLE AND CLEAN ENERGY	Sustainable Innovation 9. Industry, Innovation & Infrastructure 11 Sustainable Cities & Communities	Multiple Locations	<ul> <li>Cost efficient operation &amp; higher electricity generation through ENOC</li> <li>Development of semi-automatic module cleaning system to reduce water usage by 46%</li> <li>Cloud based ESG IT platform ProcessMAP implemented across all sites</li> </ul>
9 INDUSTRY, INNOVATION AND INFRASTRUCTURE	<b>Responsible Consumption &amp; Production</b> 12. Responsible Consumption & Production 14. Life below Water	Multiple Locations	<ul> <li>Use of Single-use-plastic reduced to 'zero' from both supply chain and internal operation at 100% AGEL's operational renewable capacity.</li> <li>Water resource development activities for five ponds have been initiated at Nedan, Dawara, Madhopura and Rasala in Rajasthan to create extra water holding and ground water recharge capacity.</li> </ul>

### Alignment with UNSDGs with focus on renewable energy, inclusive growth & sustainable innovation



Renewables



### Adani Green Energy Limited (AGEL): Investment Case



Excellent execution track record	<ul> <li>World class project execution with equipment sourced from tier 1 suppliers through strategic alliances</li> <li>Central monitoring of all project execution by Project Management &amp; Assurance Group</li> <li>Track record of executing projects ahead of schedule vis-a-vis execution timeline</li> </ul>
De-risked Project Development	<ul> <li>Locked in portfolio: 20.4 GW of which 6.7 GW is commissioned and 13.7 GW is under/ near construction</li> <li>Resource tie-up: Strategic sites with generation potential of ~40 GW with geotechnical, resource analysis &amp; design work done</li> <li>20,000+ vendor relationships ensuring effective and timely execution</li> </ul>
Predictable & Stable cash-flows of OpCo's	<ul> <li>25-year long term PPA's; ~89% sovereign / sovereign equivalent rated counterparties significantly reducing counterparty risk</li> <li>Technology backed O&amp;M: ENOC driven Predictive Analytics leading to cost efficient O&amp;M and high performance</li> <li>Rapid transition from majority development risk to primary stable operating assets</li> </ul>
Capital Management Philosophy	<ul> <li>Fully funded growth ensured through Revolving Construction Framework Agreement of USD 1.64 bn</li> <li>Limits under HoldCo Financing of USD 1.7 bn additionally available to fund future projects</li> <li>Takeout of construction debt post commissioning – templatizing the financing from debt capital markets</li> </ul>
Strong Sponsorship	<ul> <li>Pedigree of Adani Group: leadership in infrastructure – energy &amp; utility and transport &amp; logistics sectors</li> <li>Robust, reliable supply chain backed by strategic investments</li> <li>Strategic partnership with French Energy major TotalEnergies SE</li> </ul>

## Disclaimer



Certain statements made in this presentation may not be based on historical information or facts and may be "forward-looking statements," including those relating to general business plans and strategy of Adani Green Energy Limited ("AGEL"), the future outlook and growth prospects, and future developments of the business and the competitive and regulatory environment, and statements which contain words or phrases such as 'will', 'expected to', etc., or similar expressions or variations of such expressions. Actual results may differ materially from these forward-looking statements due to a number of factors, including future changes or developments in their business, their competitive environment, their ability to implement their strategies and initiatives and respond to technological changes and political, economic, regulatory and social conditions in India. This presentation does not constitute a prospectus, offering circular or offering memorandum or an offer, or a solicitation of any offer, to purchase or sell, any shares and should not be considered as a recommendation that any investor should subscribe for or purchase any of AGEL's shares. Neither this presentation nor any other documentation or information (or any part thereof) delivered or supplied under or in relation to the shares shall be deemed to constitute an offer of or an invitation by or on behalf of AGEL.

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## VIRAL RAVALARPIT MUNDRAAGM - Investor Relations<br/>viral.raval@adani.comAsst. Manager - Investor Relations<br/>arpit.mundra@adani.com+9179 2555 8581+9179 2555 9500



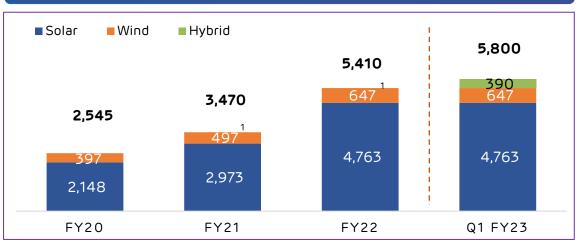
## Thank You

## Appendix

**Operational & Financial Highlights** 

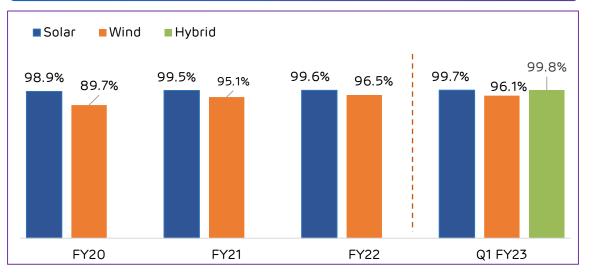
## AGEL– Operational Performance



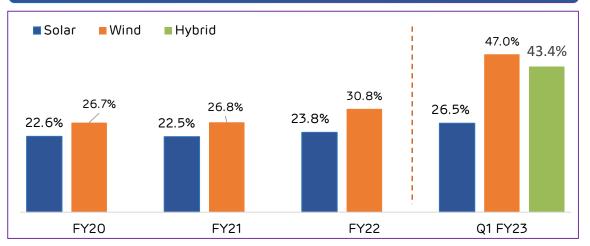


#### **Operational Capacity (MW AC)**

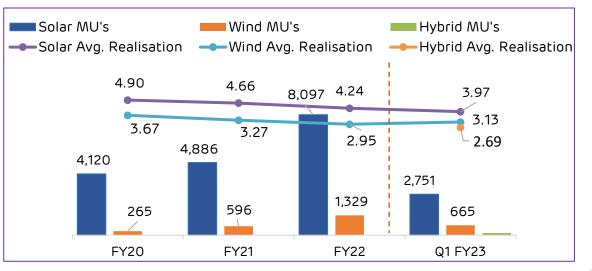




### CUF % (AC)



#### Volume (MUs) & Average Realization (Rs/kwh)



1. Includes acquisition of control of 150 MW operational wind assets from Inox towards the end of March 2022

## AGEL- Financial Performance

#### adani Renewables

#### (All figures in INR Crore)

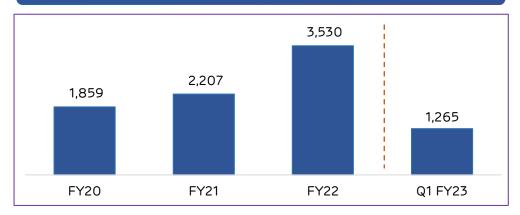


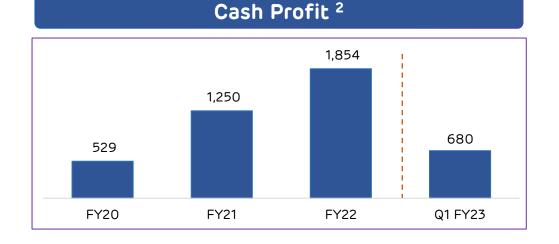
#### Revenue from Power Supply





EBITDA from Power Supply <sup>1</sup>





1. EBITDA from Power Supply = Revenue from Power Supply + prompt payment discount + carbon credit income (part of Other Operating Income) - Employee Benefit Expenses excluding overseas expenses - Other Expenses excluding expenses pertaining to EPC/ sale of goods & loss on sale of assets

2. Cash Profit = PAT + Depreciation + Deferred Tax + Exceptional Items + TOTAL Distribution (which is part of finance cost as per IndAS)

# Appendix

Asset Level Details

## Asset Level Details – Operational



SPV	Project Location	Туре	Contracted Capacity (AC)	Capacity (DC)	Tariff	COD	Counterparty Name	PPA Term
	Tamil Nadu (AGETNL)	Solar	216	260	7.01	Mar-16	TANGEDCO	25
	Tamil Nadu (RSPL)	Solar	72	86	7.01	Feb-16	TANGEDCO	25
AGETNL	Tamil Nadu (KREL)	Solar	72	86	5.76	Mar-16	TANGEDCO	25
	Tamil Nadu (KSPL)	Solar	216	260	5.1	Sep-16	TANGEDCO	25
	Tamil Nadu (RREL)	Solar	72	86	5.1	Sep-16	TANGEDCO	25
	Karnataka	Solar	240	302	4.56	Mar-18	Karnataka ESCOMS	25
AGEUPL	Uttar Pradesh	Solar	50	60	5.07	May-19	UPPCL	25
KSPPL	Karnataka	Solar	20	23	4.36	Jan-18	BESCOM	25
	Punjab	Solar	100	105	5.88	Jan-17	PSPCL	25
	Uttar Pradesh	Solar	50	70	4.78	Jul-17	NTPC	25
PDPL	Andhra Pradesh	Solar	50	70	5.13	Oct-17	NTPC	25
	Rajasthan	Solar	20	26	4.36	Nov-17	NTPC	25
	Telangana	Solar	50	66	4.67	Dec-17	NTPC	25
	Telangana	Solar	50	66	5.19	Dec-17	NTPC	25
	Karnataka	Solar	100	140	4.79	Jan-18	NTPC	25
PSEPL	Chhattisgarh	Solar	100	147	4.43	Mar-18	SECI	25
PSEPL	Karnataka	Solar	50	66	4.86	Feb-18	NTPC	25
	Karnataka	Solar	40	56	4.43	May-18	SECI	25
	Karnataka	Solar	10	13	5.35	Oct-17	GESCOM	25
	Maharashtra	Solar	20	29	4.16	Mar-18	SECI	25
Wardha Solar	Karnataka	Solar	350	515	4.43	May-18	SECI	25
ARERJL	Rajasthan	Solar	200	281	2.71	Aug-19	MSEDCL	25
ASEFPL	Rajasthan	Solar	50	72	2.54	Jul-20	SECI	25
EUPL	Uttar Pradesh	Solar	50	55	9.27	Oct-21	UPPCL	25
TNUPL	Uttar Pradesh	Solar	50	55	7.02	Aug-21	UPPCL	25

Solar

Hybrid

Wind

## Asset Level Details – Operational (Contd.)



SPV	Project Location	Туре	Contracted Capacity (AC)	Capacity (DC)	Tariff	COD	Counterparty Name	PPA Term
PNCEL	Punjab	Solar	20	21	8.7	Mar-21	PSPCL	25
PNREL	Punjab	Solar	10	10.5	8.65	Feb-21	PSPCL	25
KNSSEPL	Karnataka	Solar	5	6.3	4.36	Oct-21	GESCOM	25
KNIVSEPL	Karnataka	Solar	20	25	4.36	Mar-21	BESCOM	25
KNBSEPL	Karnataka	Solar	20	25	4.36	Feb-21	BESCOM	25
KNMSEPL	Karnataka	Solar	20	25	4.36	Mar-21	HESCOM	25
Gulbarga	Karnataka	Solar	5	5.5	8.37	Jul-21	HESCOM	25
Bagalkot	Karnataka	Solar	5	5.5	8.46	Oct-21	UPPCL	25
ASEJTL	Rajasthan	Solar	50	74	Merchant	Nov-20	NA	25
ASEKTPL	Gujarat	Solar	100	150	2.44	Dec-20	GUVNL	25
ASECOL	Uttar Pradesh	Solar	25	37	3.08	Jan-21	NPCL	25
ASEKOL	Gujarat	Solar	150	225	2.67	Jan-21	GUVNL	25
SEIL	Uttar Pradesh	Solar	20	23	7.54	Jan-21	UPPCL	25
ASEFPL	Uttar Pradesh	Solar	100	145	3.21	Feb-21	UPPCL	25
SRRPL	Telangana	Solar	50	57.5	5.37	Oct-17	SPDCT	25
DTTPL	Telangana	Solar	25	25.94	5.17	Sep-17	SPDCT	25
SSTPL	Telangana	Solar	50	57.5	5.26	Oct-17	SPDCT	25
ASECOL	Uttar Pradesh	Solar	50	73	3.07	Apr-21	UPPCL	25
ASEJFPL	Rajasthan	Solar	100	145	2.63	Nov-18	SECI	25
ASEJFPL	Rajasthan	Solar	200	290	2.48	Jul-19	SECI	25
ASEJTPL	Rajasthan	Solar	300	435	2.45	Oct-18	SECI	25
ASEAPSPL	Andhra Pradesh	Solar	250	375	2.73	Mar-20	NTPC	25
ASEKANPL	Karnataka	Solar	200	300	2.82	Dec-19	SECI	25
ASEAPSPL	Andhra Pradesh	Solar	350	455	4.63	Jul-17	NTPC	25
ASERJOPL	Rajasthan	Solar	300	453	2.48	Jun-21	NTPC	25
VEIPL	Odisha	Solar	40	40	4.24	Dec-19	SECI	25

Solar

Wind

## Asset Level Details – Operational (Contd.)



SPV		Project Location	Туре	Contracted Capacity (AC)	Capacity (DC)	Tariff	COD	Counterparty Name	PPA Term
AGEL – Laho	in	Madhya Pradesh	Wind	12	12	5.92	Mar-16	MPPMCL	25
AWEGPL		Gujarat	Wind	30	30	4.19	Mar-17	GUVNL	25
AWEGPL		Gujarat	Wind	18	18	3.46	Mar-17	GUVNL	25
AREKAL		Gujarat	Wind	12	12	3.46	Feb-19	MUPL	25
AWEKOL - SE	CI 1	Gujarat	Wind	50	50	3.46	Nov-19	SECI	25
AWEKSL		Gujarat	Wind	75	75	2.85	Jan-20	MSEDCL	25
AWEKOL - SEG	CI 2	Gujarat	Wind	50	50	2.65	Mar-20	SECI	25
WORL - INOX	(1 <sup>7</sup>	Gujarat	Wind	50	50	3.46	Apr-19	PTC	25
WTRL - INOX	2 <sup>7</sup>	Gujarat	Wind	50	50	3.46	May-19	PTC	25
WFRL - INO	X <sup>7</sup>	Gujarat	Wind	50	50	3.46	Jul-19	PTC	25
AWEKTL		Gujarat	Wind	250	250	2.82	Mar-21	SECI	25
SSPTPL		Madhya Pradesh	Wind	324	324	2.83	Sep-22	SECI	25
	Total Solar + W	lind		5,734	7,411	3.95			
SPV Proj	ject Location	Туре		Contracted Capacity	Planned Capacity	Planned Cap	acity Tariff	Counterparty	PPA
		Туре		(AC)	(AC)	(DC)		Name	Term
				300		Color E4	0		

	Total Operat	ional	6,724 (Contracted AC)		9,041 (DC)	3.77		
	Total Hybrid		990	1,210	1,630	2.69		
AHEJET	Kajastilali	riyunu		Wind: 150	Wind: 150	2.09	SECI	23
AHEJTL &	Rajasthan	Нургід	600	Solar: 600	Solar: 840	2.69	SECI	25
AHEJOL	Rajasthan	Hybrid		Wind: 100	Wind: 100	2.69	SECI	25
	Deisebbe	1 base at al	390	Solar: 360	Solar: 540	2.60		25

Sol	ar
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Hybrid

Wind

## Asset Level Details – Under execution

SPV	Project Location	Туре	Contracted Capacity (AC)	Capacity (DC)	Tariff	Counterparty Name	PPA Term
Various SPVs	Rajasthan/ Gujarat	Solar+ Mfg	4,667	6,767	2.42	SECI	25
Various SPVs	Rajasthan/ Gujarat	Solar+ Mfg	1,250	1,813	2.54	SECI	25
AREEL	Gujarat	Solar	150	225	2.22	Torrent	25
ASERJOPL	Rajasthan	Solar	300	453	2.48	NTPC	25
SPCEPL	Rajasthan	Solar	300	450	2.61	SECI	25
ASEAPEHL	Andhra Pradesh	Solar	250	375	2.7	SECI	25
ASERJTPL	Rajasthan	Solar	330	495	2.65	SECI	25
ASEBOPL	Rajasthan	Solar	600	900	2.55	NHPC	25
ASEAPTL	Rajasthan	Solar	150	218	2.34	PSPCL	25
AWEKFL - SECI 5	Gujarat	Wind	300	300	2.76	SECI	25
AWEKFL	Gujarat	Wind	130	130	2.83	SECI	25
ARESL – SECI X	Karnataka	Wind	300	300	2.77	SECI	25
Total Sol	ar + Wind		8,727	12,426	2.50	-	

Hybrid

48

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## Asset Level Details – Under execution (Contd.)

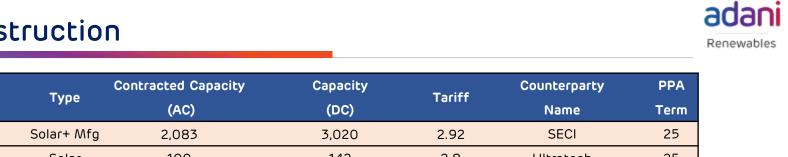


SPV	Project Location	Туре	Contracted Capacity	Planned Capacity	Planned Capacity	Tariff	Counterparty	PPA
			(AC)	(AC)	(DC)		Name	Term
AHEJFL	Rajasthan	Hybrid	700	Solar: 600	Solar: 870	3.24	AEML	25
AITESTE	Kajasthan	Tiyond		Wind: 510	Wind: 510	5.24	ALME	23
AHEJFL	Rajasthan	Hybrid	600	Solar: 570	Solar: 855	2.41	SECI	25
ANEJEL	Kajastilali	нуопо		Wind: 200	Wind: 200	2.41	SECI	22
	Deizethae	Llubsid	450	Solar: 420	Solar: 630	2.61	SEQ.	25
ASEJOPL	Rajasthan	Hybrid		Wind: 105	Wind: 105	2.01	SECI	25

Total Hybrid	1,750	2,405	3,170	2.79	
-					

Total Under Execution	10,477 (Contracted AC)		15,596 (DC)	2.55		
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## Asset Level Details – Near Construction



SPV	Project Location	Тура	Contracted Capacity	Capacity	Tariff	Counterparty	PPA
SPV			Туре (АС)		Idilii	Name	Term
Various SPVs	Rajasthan/ Gujarat	Solar+ Mfg	2,083	3,020	2.92	SECI	25
Various SPVs	Rajasthan	Solar	100	142	2.8	Ultratech	25
ASEJSPL	Rajasthan	Solar	600	900	2.5	SECI	25
AREFL	Karnataka (tentative)	Wind	450	450	2.7	SECI	25
Tota	l Near Construction		3,233	4,512	2.81		

Overall Capacity (Operational + Under Construction + Near Construction)	20,434 (Contracted AC)	29,931 (DC)	2.99	
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