

Adani Transmission Limited

Adding power to your aspirations

adani
Transmission

Growth, the way it is meant to be.

Growth, to us, isn't about the businesses we're involved in. Growth is about the real impact we can create. It's about the lives we can touch, the communities we can nourish, the future we can inspire. With our sheer size of operations, we have been able to reach out to the remotest of geographies with ease. Be it power transmission or solar energy generation or agri logistics, we go for large scale execution that benefits millions of Indians.

We are proud of this quality of our operations, which we have consciously extended beyond our businesses, to impact healthcare, education, employment generation and creation of sustainable livelihoods for the communities that deserve them. It is the belief that growth can lead to goodness, which inspires us and drives us.

Vision

To be a world class leader in businesses that enrich lives and contribute to nations in building infrastructure through sustainable value creation.





ATL Mission

- Adani Transmission Limited (ATL) has further set an ambitious target to set up 20,000 circuit km of transmission lines by 2022 by leveraging both organic and inorganic growth opportunities.
- ATL aspires to be the largest private Transmission and Distribution (T&D) company based out of India, contributing to nation building by transmitting and distributing affordable power using operational excellence and technology-led innovation.
- To achieve the mission, following are ATL's top priorities:



Maintaining 25% market share in the private transmission market by growing through organic as well as inorganic routes



Augmenting efficiencies in the distribution business



Achieving sustainable operations through business excellence



Driving process innovation through new technology adoption



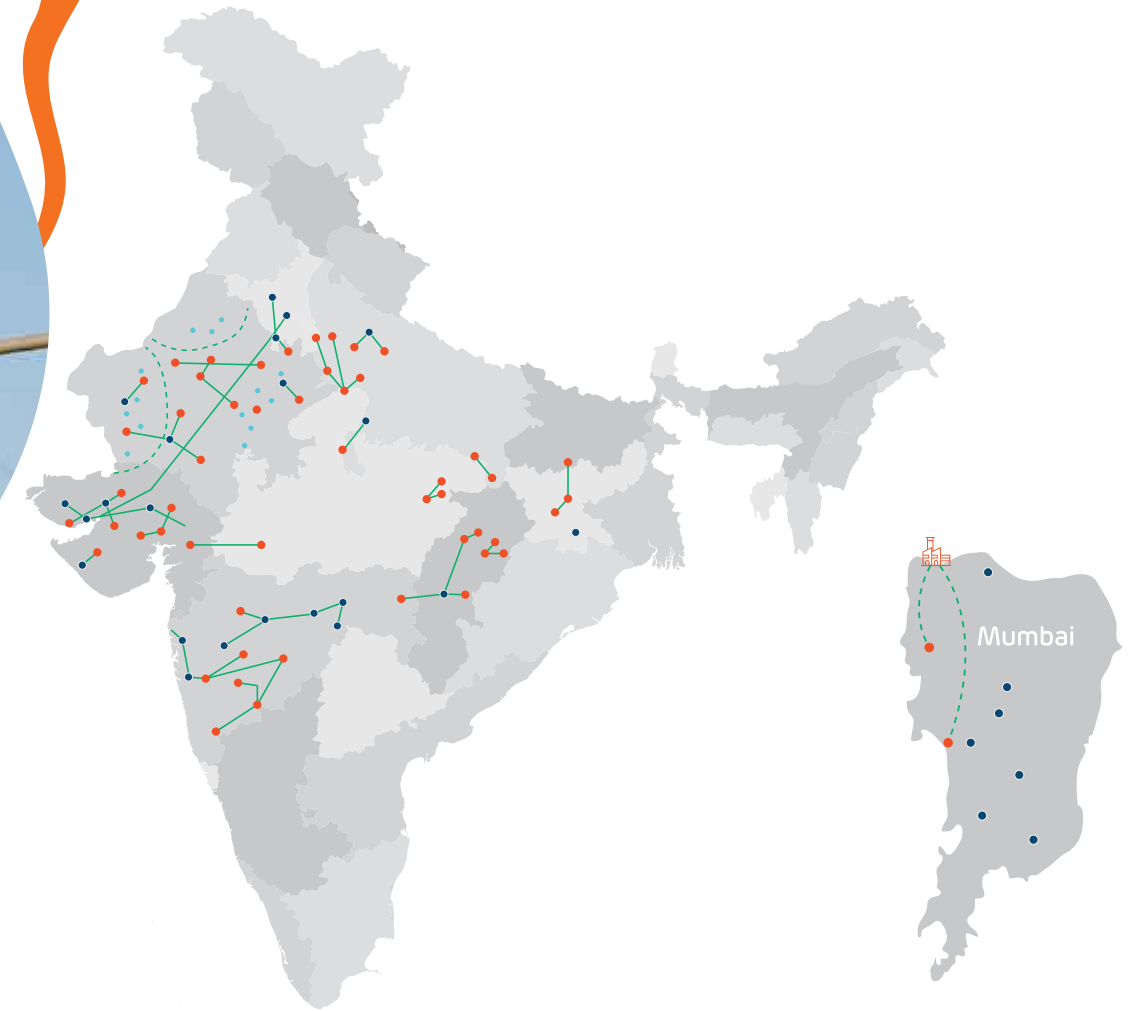
Largest private Transmission company of india

- Adani group forayed into the transmission sector in 2006, to evacuate power from Adani's Mundra thermal power plant. 5000 ckms of dedicated lines were commissioned till 2014 for power evacuation purpose
- Looking at the enormous potential in transmission sector, Adani Transmission Limited (ATL) was established (listed) in 2015
- ATL is one of the largest private sector power transmission companies in India with a presence across the western, northern and central regions of India
- Today, ATL has portfolio more than 18,800* ckt km of transmission lines and more than 34,000* MVA of power transformation capacity
- ATL has grown through organic as well inorganic route, by successfully integrating acquired transmission lines from KEC, GMR and KPTL
- Adani Electricity Mumbai Limited (AEML), a wholly owned subsidiary of ATL, is one of India's largest private sector power distribution utility. It meets close to 2,000 MW of power demand in Mumbai's largest and the most efficient power distribution network
- ATL prides in maintaining system availability above 99.75% for last 3 years by investing in innovative R&D practices and adopting latest available technology
- ATL is India's first private power sector player to secure an international investment grade rating

*Includes MP packages 1 & 2, LOI for Package 2 received and Package 1 awaited.



ATL Footprint



Transmission

- Strategic Presence across 12 states through 27 T&D projects translating to 18,800* ckms
- 34000* + MVA transformation capacity
- 99.75% network availability for last 3 years

*Includes MP packages 1 & 2, LOI for Package 2 received and Package 1 awaited.

Distribution

- AEML operates a unique integrated model of power generation, transmission and distribution in Mumbai with 566 ckms of lines.
- Integration of Customer and Technology enabling AEML as a supplier of choice for 3 million+ consumers in Mumbai

Operational Projects



Hadoti Power Transmission Service Ltd
220 kV and 132 kV grid substation and associated transmission lines and associated scheme/works under RAJ/PPP-8

Project Location	Project Type
Rajasthan	Inter-state



Chhattisgarh-WR Transmission Ltd.
System Strengthening for IPPs in Chhattisgarh and Other Generation projects in Western Region

Project Location	Project Type
Madhya Pradesh, Chhattisgarh, Maharashtra	Inter-state



Alipurduar Transmission Limited
Transmission System Strengthening in Indian System for Transfer of power from new HEPs in Bhutan

Project Location	Project Type
West Bengal, Bihar	Inter-state



Aravali Transmission Service Company Ltd
Transmission system for 400 KV/220 KV GSS At Alwar and Associated Schemes / Work

Project Location	Project Type
Rajasthan	Inter-state



Adani Transmission Bikaner Sikar Pvt Ltd
400 KV transmission system from Bikaner to Sikar in Rajasthan

Project Location	Project Type
Rajasthan	Inter-state



Adani Transmission (India) Ltd. (ATIL)
Evacuation of power from Mundra and Tiroda Thermal Power Plant of Adani

Project Location	Project Type
Gujarat, Rajasthan, Haryana, and Maharashtra	Inter-state



Barmer Power Transmission Service Ltd
132 kV Grid Substation and associated transmission lines and associated scheme/works under RAJ/PPP-9

Project Location	Project Type
Rajasthan	Inter-state



Adani Transmission Rajasthan Ltd.

Transmission system for 400 kV D/C
Suratgarh-Bikanert

Project Location	Project Type
Rajasthan	Inter-state



Maru Transmission Service Company Ltd

Transmission system for400 KV/220 KV GSS At
Deedwana

Project Location	Project Type
Rajasthan	Inter-state



Western Transmission (Gujarat) Ltd.

400 kV WTGL Transmission System in Gujarat and
Madhya Pradesh

Project Location	Project Type
Gujarat Madhya Pradesh	Inter-state



Maharashtra Eastern Grid Power Transmission Limited

Tiroda - Koradi III - Akola II - Aurangabad Transmission
Lines,400 KV D/C Akola I - Akola II Transmission Line
and associated 765/400 KV Substations and bays

Project Location	Project Type
Maharashtra	Inter-state



Sipat Transmission Limited

Additional System Strengthening Scheme
for Sipat STPS

Project Location	Project Type
Chattisgarh	Inter-state



Thar Power Transmission Service Ltd

132 kV Grid Substation and associated transmission
lines under RAJ/PPP-9

Project Location	Project Type
Rajasthan	Inter-state



Western Transmission Power (Maha) Ltd.

400 kV WTPL Transmission System in
Maharashtra

Project Location	Project Type
Maharashtra	Inter-state



Raipur-Rajnandgaon-Warora Transmission Ltd

Additional System Strengthening Scheme
for Chhattisgarh IPPs (part-B)

Project Location	Project Type
Chhattisgarh, Maharashtra	Inter-state

Upcoming Projects



Obra-C Badaun Transmission Ltd.

Evacuation of power from Obra-C (2x660 MW) thermal power project and construction of 400 kV GIS substation Badaun with associated transmission lines

Project Location	Project Type
Uttar Pradesh	Inter-state



Warora- Kurnool Transmission Ltd

Additional inter-Regional AC link for import into Southern Region (SR) i.e. Warora – Warangal and Chilakaluripeta - Hyderabad - Kurnool 765kV link

Project Location	Project Type
Andhra Pradesh, Telangana	Inter-state



Bikaner-Khetri Transmission Ltd.

Transmission system associated with Long-Term Access (LTA) applications from Rajasthan SEZ Part-D

Project Location	Project Type
Rajasthan	Inter-state



MP Power Transmission Package-I Limited*

Development of Intra-State Transmission Work in M.P. through Tariff Based Competitive Bidding: PACKAGE - I

Project Location	Project Type
Madhya Pradesh	Inter-state



Lakadia Banaskantha Transco Ltd.

Transmission system associated with RE generations at Bhuj II, Dwarka Lakadia

Project Location	Project Type
Gujarat	Inter-state



MP Power Transmission Package-II Limited**

Development of Intra-State Transmission Work in M.P. through Tariff Based Competitive Bidding: PACKAGE - II

Project Location	Project Type
Madhya Pradesh	Inter-state



WRSS XXI (A) Transco Ltd.

Western region strengthening scheme – 21 (WRSS-21) Part-A transmission system strengthening for relieving overloading observed in Gujarat intra-state system due to Renewable Energy (RE) injections in Bhuj PS

Project Location	Project Type
Gujarat	Inter-state



North Karanpura Transco Ltd.

Evacuation for north Karanpura (3x660 MW) generation project of NTPC along with the creation of a 400/220 kV substation at Dhanbad (ERSS- XIX)

Project Location	Project Type
Jharkhand and Bihar	Inter-state



Jam Khambaliya Transco Ltd.

Transmission system for Jam Khambaliya Pooling Station and inter-connection of Jam Khambaliya Pooling Station for providing connectivity to RE projects (1500 MW) in Dwarka (Gujarat)

Project Location	Project Type
Gujarat	Inter-state



Ghatampur Transmission Ltd.

Transmission system for evacuation of power from 3X660MW Ghatampur Thermal Power Project

Project Location	Project Type
Uttar Pradesh	Inter-state



Kharghar Vikhroli Transmission Private Ltd.

Transmission system for 400 kV Vikhroli receiving station and associated incoming transmission lines for strengthening the Mumbai transmission system

Project Location	Project Type
Maharashtra	Inter-state



Fatehgarh-Bhadla Transmission Ltd.

Transmission system for Ultra Mega Solar Park in Fatehgarh, Dist. Jaisalmer, Rajasthan

Project Location	Project Type
Rajasthan	Inter-state

*LOI awaited
** LOI received, acquisition pending



Growth with focus on ESG

ATL ESG Goal

“ To be in Top Companies of the World in ESG Benchmarking of Electric Utility Companies by 2022. ”



Biodiversity and Environment

- ATL has become signatory to India Business and Biodiversity Initiative (IBBI). It strengthen the commitment of the company towards Biodiversity.
- ATL has publicly disclosed its Bio-diversity Policy signed by MD&CEO which communicates the commitment of the company to do business with no-net-loss to biodiversity. ATL is taking various initiatives in line with this policy.
- Greening of sub-stations by organic cropping and plantation of cereals and fruit varieties which are native and extent in wild.



Waste

- ATL has initiated Single Use Plastic Free Project to become a single use plastic free company by 22-23.
- Initially 3 substations of ATL and one power plant ADTPS is being covered for this certification.



Growth with focus on ESG



Climate change

- ATL has set a voluntary target of emission intensity reduction by 40-45% within 5 year from the baseline (FY 18-19) against India's National Determined Contribution (NDC) in 2015 under the Paris Agreement and 'Intended Nationally Determined Contribution (INDC)
- AEML a subsidiary of ATL has committed to increasing share of renewable power procurement from current 3% to 30% by FY22 and 50% by FY25.



Corporate Citizenship

- ATL has is supporting the communities to improve education, employability of women and enhance the safety & cleanliness culture



Best-in-class Project Management Capabilities

1. Project Excellence

- Completed HVDC project (~1000 kms) in a record time of 24 months
- New Tower Design of Delta Tower (1st time in India) in 765 kV D/C Fatehgarh-Bhadla line Rajasthan)
- Built longest private HVDC line in Asia with a single hop of ~1000 kms and a capacity to transmit 2500 MW of power in a record time of 24 months.
- First Private Company in India to execute 765 KV Transmission lines & Substations in the state of Maharashtra
- ATL pioneered the use of π (Pi) shape tower at Sami substation with 6 phases Quad Moose strung on same beam
- First private company to use a Pre-fabricated steel structure valve hall in India

2. O&M Excellence

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

3. Design & Technological Excellence

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



Adani Foundation

Goodness is a practice that ought to be ingrained in those who truly believe in it. We, at Adani, leave no stone unturned to bring happiness and livelihood at every step of our journey towards Nation Building. The Adani Group invests about 2% of its total profit in social initiatives through its CSR arm, Adani Foundation, with an aim to lead the wave of goodness at grassroots level. It exhibits the humane, compassionate and benevolent side of the company. Adani Foundation is touching more than 3.7 million lives in 2410 villages across 18 states through its work in Education, Community Health, Community Infrastructure Development and Sustainable Livelihood Development.

1. Education

Adani Vidya Mandir, Ahmedabad (AVMA) is the first cost-free school in India to receive NABET Accreditation by the Quality Council of India, a benchmark in the field of education. Adani Public School, Mundra is now the first school in Kutch and Saurashtra region to receive the NABET accreditation. Adani Vidya Mandir in Ahmedabad, Bhadrashwar and Surguja are schools that provide cost-free education to about 3000 students annually. Adani Public School in Mundra, Adani Vidyalayain Tirora and Kawai, Adani DAV Public School in Dhamra and Navchetan Vidyalaya in Hazira provide subsidized education to students. The Foundation has started special initiatives such as Gyanodaya for Digital learning (Godda, Jharkhand), Utthan for strengthening fundamentals (Pan India) and Amchi Shala for reviving government schools (Maharashtra)

2. Community Health

Adani Foundation firmly believes that ensuring and improving the overall healthcare of the citizens can directly result in the economic growth of the nation. There are 12 rural clinics across the nation that provide timely services to around 33,000 patients annually. The Foundation also operates Mobile Health Care Units (MHCU), providing on-the-spot medical assistance to patients in remote locations. At present, the MHCUs attend to 2L people annually, on average. Health camps are organized at regular intervals which are seasonal/need-based to meet the specific needs of the community. The Foundation also provides health check-up cards to senior citizens from socio-economically marginalized sections under Vadil Swasthya Yojana. The green card is given to those with a family income of less than Rs. 2 lakh per annum to avail free healthcare services, while those with family income of more than Rs. 2 lakh per annum are given blue cards to avail healthcare services at the Adani Hospitals.

Gujarat Adani Institute of Medical Sciences (GAIMS) and G.K. General Hospital (GKGH): GAIMS is the first Public-Private-Partnership (PPP) endeavor between the Government of Gujarat and the Adani Education & Research Foundation. G. K. General Hospital (GKGH, attached teaching hospital) is the only multi-specialty modern teaching district hospital in Kutch. GKGH is often the last ray of hope for thousands of patients who come here from different parts of the district. It provides treatment to all socio-economic classes of patients, particularly the poorest of poor patients. On average, 1,700 patients take medical benefits from the hospital every day.

3. Sustainable Livelihood Development

Adani Foundation aims at promoting the growth and development of marginalized sections by promoting livelihood security. The programs span from skilling to offering support in market linkages to the creation of Self-Help Groups (SHGs) to the adoption of new and innovative techniques in crop production, and animal

husbandry. It also supports bringing alternate livelihood to fishermen community. The Foundation is empowering women through creating over 200 SHGs, covering over 2000 women. These SHGs are undertaking various income-generating activities, ensuring additional income to families.

4. Community Infrastructure Development

Community infrastructure bears a direct impact on the standard of living and the micro economy of the community. Adani Foundation has worked towards improving the infrastructure in numerous rural and migrant populations.

Water Conservation: The Foundation has constructed 21 check dams, revived 374 farm ponds and deepened several streams across various geographies. This has helped boost the water storage capacity to 7871785 M3 and it has brought 18,200 acres of land under irrigation.

SuPoshan: SuPoshan is targeted towards breaking the cycle of anemia in women and malnourishment in children below the age of 5 years. SuPoshan Sanginis, who are from the community, ensure the right medical and social support to encourage mothers to adopt a healthy lifestyle. SuPoshan is spread across 12 states in more than 3.25 lakh households.

Saksham: Saksham or Adani Skill Development Programme (ASDC) is a skilling program that focuses on bridging the skill gap among the youth, make them employable and thus, contribute towards nation-building. The program is in line with the Government of India's Skill India Mission. Saksham has partnered with the National Skill Development Corporation (NSDC) and has trained more than 67600 plus young persons. Its innovative courses include simulator-based crane operation, 3D printing and welding through Augmented Reality. Currently, there are more than 65 Saksham centers operational across eight states in India offering skill training in 45 trades.

Swachhagraha: Swachhagraha, inspired by one of the largest pre-independent mass movements in India – 'Satyagraha', is aimed at inspiring people to get involved and take action towards 'Creating a Culture of Cleanliness'. The program focuses on four key themes, namely, Waste Management and Littering, Sanitation, Personal Hygiene and Toilet Etiquettes.

Udaan: Udaan encourages young minds to develop an interest in all sorts of enterprises and to encourage them to dream big in life. Adani Foundation takes students on an exposure visit to their power plants and ports, where the students get an opportunity to experience the scale of the businesses. More than 3.48L students and teachers from 5200 institutions have participated in Project Udaan.



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