

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, and the future we can inspire. With our sheer size of operations, we have reached 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 the creation of sustainable livelihoods for the communities that deserve them. We believe that growth can lead to goodness that 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 30,000 ckm of transmission lines by 2026 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, the 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.

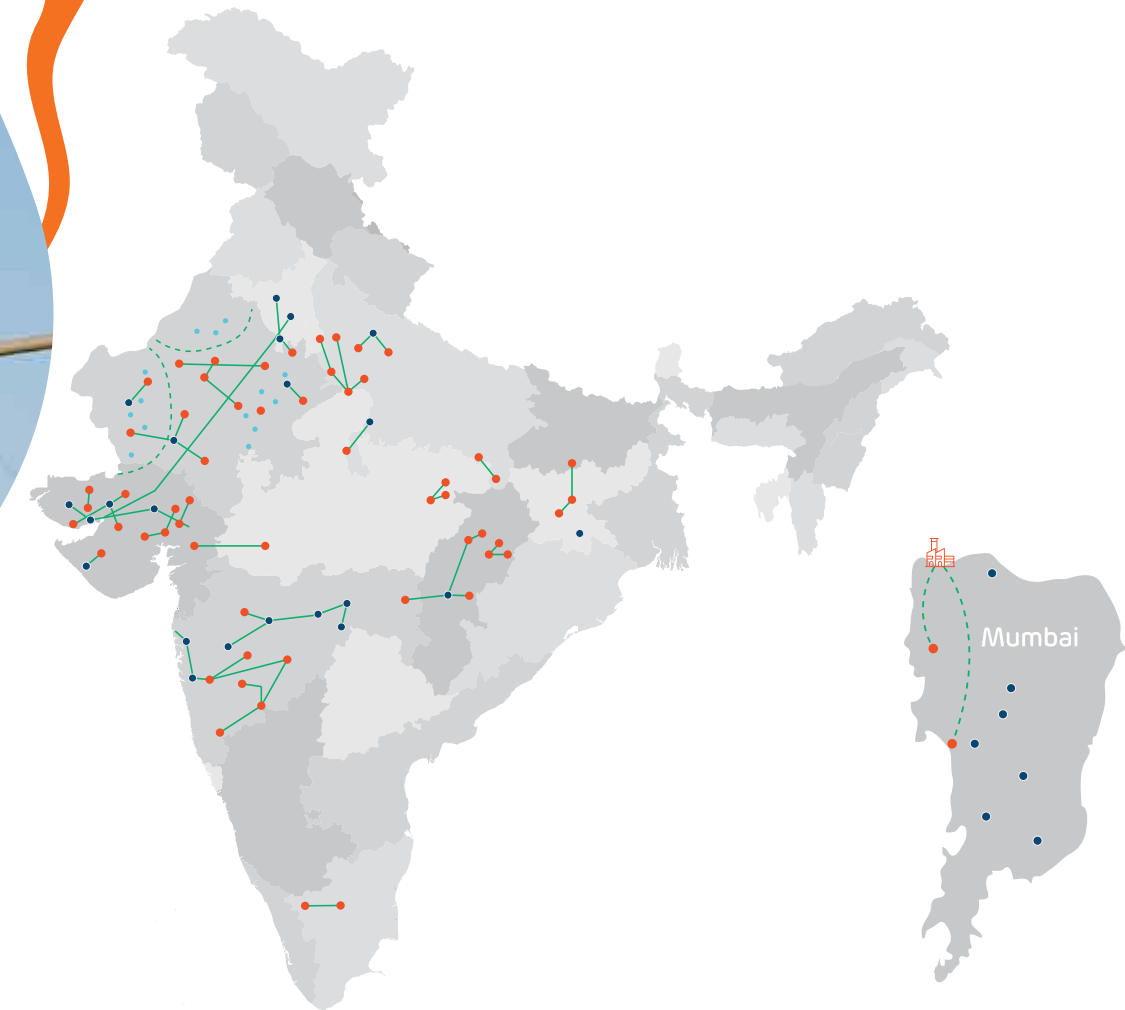


Largest private Transmission company of india

- 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 the transmission sector, Adani Transmission Limited (ATL) was established (listed) in 2015.
- ATL is one of the largest private sector power transmission companies with a pan-India presence (now in 13 states touching all regions of India).
- Today, ATL has a portfolio of more than 18,795 ckm as of FY22 (March 2022) of transmission lines and more than 40,001 MVA of power transformation capacity.
- ATL has grown through organic as well as 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 utilities. It meets close to 2,000 MW of power demand in Mumbai's largest and the most efficient power distribution network.
- ATL prides on maintaining system availability above 99.75% for the last three years by investing in innovative R&D practices and adopting the latest available technology.
- ATL is India's first private power sector player to secure an international investment grade rating.



ATL Footprint



Transmission

- Strategic Presence across 13 states through 33 T&D projects translating to 18,795 ckm
- 40,001 MVA transformation capacity
- 99.75% network availability for the last three years.

Distribution

- AEML operates a unique integrated model of power generation, transmission and distribution in Mumbai with 572 ckm of lines.
- Integration of Customer and Technology-enabling AEML as a supplier of choice for 12 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



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 tfrom Bikaner to Sikar in Rajasthan

Project Location	Project Type
Rajasthan	Inter-state



Chhattisgarh-WR Transmission Ltd.
System Strengthening for IPPs in Chhattisgarh and other generation projects in the western region

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



Alipurduar Transmission Limited
Transmission System Strengthening in the Indian system for transfer of power from new HEPs in Bhutan

Project Location	Project Type
West Bengal, Bihar	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 Rajasthan	Project Type Inter-state
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Adani Transmission Rajasthan Ltd.
Transmission System for 400 kV D/C Suratgarh-Bikaner

Project Location Rajasthan	Project Type Inter-state
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Thar Power Transmission Service Ltd
132 kV Grid Substation and associated transmission lines under RAJ/PPP-9

Project Location Rajasthan	Project Type Inter-state
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Western Transmission (Gujarat) Ltd.
400 kV WTGL Transmission System in Gujarat and Madhya Pradesh

Project Location Gujarat Madhya Pradesh	Project Type Inter-state
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Maru Transmission Service Company Ltd
Transmission System for 400 KV/220 KV GSS At Deedwana

Project Location Rajasthan	Project Type Inter-state
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Sipat Transmission Limited
Additional System Strengthening Scheme for Sipat STPS

Project Location Chattisgarh	Project Type Inter-state
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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 Maharashtra	Project Type Inter-state
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Western Transmission Power (Maha) Ltd.
400 kV WTPL Transmission System in Maharashtra

Project Location Maharashtra	Project Type Inter-state
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Raipur-Rajnandgaon-Warora Transmission Ltd

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

Project Location	Project Type
Chhattisgarh, Maharashtra	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



Ghatampur Transmission Ltd.

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

Project Location	Project Type
Uttar Pradesh	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

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



Lakadia Banaskantha Transco Ltd.

Transmission System associated with RE generation at Bhuj II, Dwarka Lakadia

Project Location	Project Type
Gujarat	Inter-state



Khavda-Bhuj Transmission Limited

Transmission Scheme for evacuation of 3GW RE injection at Khavda P.S. under Phase-I

Project Location	Project Type
Gujarat	Inter-state



Karur Transmission Limited

Evacuation of Power from RE Sources in Karur/ Tiruppur Wind Energy Zone (Tamil Nadu) (1000 MW)

Project Location	Project Type
Tamil Nadu	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



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 Prades	Inter-state



Kharghar Vikhroli tTransmission 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



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



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



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



Growth with a focus on ESG

ATL ESG Goal

“To be amongst the Top Companies of the World in ESG Benchmarking of Electric Utility Companies by 2023.”



Biodiversity and Environment

- ATL has become a signatory to India Business and Biodiversity Initiative (IBBI). It strengthens the commitment of the company toward biodiversity.
- ATL has publicly disclosed its Biodiversity Policy signed by the MD & CEO, which communicates the commitment of the company to do business with no-net-loss of 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 extensive in the wild.



Waste

- ATL has initiated Single-Use Plastic Free Project to become a single-use plastic-free company by 2022-2023.
- ATL is certified with Zero Waste to Land Fill with over 99% waste diversion rate away from landfill for its 100% assets in O&M.
- Adani Dahanu Thermal Power Station (ADTPS) is certified with Zero Waste to Landfill with over 99% waste diversion rate away from landfill.



Growth with a focus on ESG



Climate change

- ATL has set a voluntary target of emission intensity reduction by 40-45% within five years 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 their renewable power procurement share from the current 3% to 30% by FY23, 60% by FY27 and 70% by FY2030.



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 the 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 the Sami Substation with 6 phases Quad Moose strung on the same beam.
- The 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 the Energy Network Operating Centre (ENOC).
- Low-cost and condition-based O&M through tools like SCADA and processes like IMS and 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, aiming to lead the wave of goodness at the grassroots level. It exhibits the humane, compassionate and benevolent side of the company. Adani Foundation is touching more than 3.7 million lives in 2409 villages across 16 states through its work in Education, Community Health, Community Infrastructure Development and Sustainable Livelihood Development.

1. Education

Adani Vidya Mandir schools located in Ahmedabad, Bhadreshwar, Surguja and Krishnapatnam provide cost-free quality education to more than 3000 students annually. Adani Vidya Mandir, Ahmedabad (AVMA) is the first cost-free school in India to receive NABET Accreditation by the Quality Council of India (QCI), a renowned benchmark in the field of education. Adani Vidya Mandir, Bhadreshwar received NABET accreditation in March 2022, thus becoming the first state board school in Gujarat to achieve this feat. Adani Vidya Mandir schools have brought about transformative change in imparting education for the holistic development of children belonging to the economically weaker sections of society. The comprehensive model that caters to developmental needs beyond the school curriculum has been fruitful in improving academic outcomes and skill-building for future career prospects. Adani Public School in Mundra, Adani Vidyalayas in Tirora and Kawai, Adani DAV Public School in Dhamra, Adani World School in Krishnapatnam and Navchetan Vidyalaya in Hazira provide subsidised education to students. The Foundation has been running the following benchmarking projects since 2018: Gyanodaya – A digital learning mission that has successfully arrested dropout rates, catalysed an increase in attendance rates and given tangible results of students' performance in the board examinations. The project that began in 2018 with 50 schools has now reached 70,000+ students across 284 schools in the district. Utthan in Gujarat, Mumbai and Odisha empowers government primary schools with a special focus on mainstreaming progressive learners and empowering the teachers.

2. Community Health

Adani Foundation firmly believes that ensuring and improving the overall healthcare of the citizens can directly result in the nation's economic growth. There are 16 Rural Clinics and Wellness Centres, serving around 29000 people annually. The Foundation also operates Mobile Health Care Units (MHCU), providing on-the-spot medical assistance to patients in remote locations. Currently, the MHCUs attend to 2 Lakh people annually, on average. Health camps are organised at regular seasonal/need-based intervals to meet the community's specific needs.

Gujarat Adani Institute of Medical Sciences (GAIMS) and GK General Hospital (GKGH): GAIMS is the first Public-Private-Partnership (PPP) endeavour between the Government of Gujarat and the Adani Education & Research Foundation. G. K. General Hospital (GKGH, attached teaching hospital) is the only multi-speciality 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 socioeconomic 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 creating the 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 the fishermen community. The Foundation is empowering women through creating over 257 SHGs, covering 2735 members. These SHGs are undertaking various income-generating activities, ensuring additional income for families.

4. Community Infrastructure Development

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

Water Conservation: The Foundation has constructed 21 check dams and revived 375 farm ponds and streams across various geographies. This initiative has helped boost the water storage capacity to 79,86,070 m3 bringing 18,828 acres of land under irrigation.

SuPoshan: SuPoshan is targeted towards breaking the cycle of anaemia in women and malnourishment in children below the age of 5 years. The initiative is spread across 12 states in more than 2.22 lakh households. SuPoshan Sanginis, the community members, ensure the proper medical and social support to encourage mothers to adopt a healthy lifestyle.

Saksham: Saksham or Adani Skill Development Programme (ASDC) is a skilling program that focuses on bridging the skill gap among the youth, making them employable and thus, contributing to 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 96000 young persons. Its innovative courses include simulator-based crane operation, 3D printing and welding through Augmented Reality. Currently, there are more than 30 Saksham centres operational across 11 states in India, offering skill training in 65 plus trades.

Swachhagraha: Swachhagraha, inspired by one of the largest pre-independent mass movements in India – 'Satyagraha', is aimed at encouraging people to get involved and take action towards 'Creating a Culture of Cleanliness'. The program focuses on four key themes: 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 encourages them to dream big in life. Under this initiative, the 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. So far, more than 3.48L students and teachers from 5200 institutions have participated in Project Udaan.



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