

THEsmarter INDIA

INDIA'S INNOVATION HUB FOR THE NEW ENERGY WORLD
Helipad Exhibition Centre, Gandhinagar, Gujarat

21-23
FEB
2024
www.TheSmarterE.in



250+
Exhibitors



15000+
Buyers



130+
International
Speakers



800+
Delegates



**inter
solar**
connecting solar business | INDIA

e es
electrical energy storage

**POWER
DRIVE**
| INDIA

**eV ASIA
EXPO**
India's Premier Trade Fair for Electric Mobility,
Batteries and Charging Infrastructure

Exhibitor Information

SOLAR POWER IN INDIA

The common culture of Sun-worshipping in the world could be India's secret ingredient to meeting its energy demands. India ranks fourth globally in Solar power capacity, and has the potential to increase capacity by 12x to 749 GW. The opportunity to produce two times more electricity from Solar than from conventional fuel and coal-based resources in the country fuels the growth ambitions of scores of individuals and businesses. Solar also curbs the country's excessive reliance on costly fuel imports, reduces carbon emissions, improves air quality, secures energy requirements, and provides additional jobs. Solar energy also plays a significant role in India's energy mix and contributes to the country's Sustainable Development Goals (SDGs).

India's renewable energy market

India is the world's third-largest power producer and the total installed power generation capacity as of 2021 is estimated at 383 GW according to the Ministry of Power. About 60% of installed power capacity is from coal-fired plants while the share of renewable energy sources (25%) such as wind, solar, and hydroelectric power, has increased rapidly in recent years. With the increasing focus on renewable energy, the power sector in India is undergoing a transformation, and renewable energy sources are expected to play an increasingly important role in the country's energy mix in the coming years.



Need for clean transition

As a major signatory to the Paris Agreement, India has committed to reduce its intensity of greenhouse gas emissions from 2005 levels by 33-35% until 2030. In 2008, India launched the NAPCC (National Action Plan on Climate Change) which outlines eight national missions, including the National Solar Mission, National Mission for Enhanced Energy Efficiency, and National Mission for Sustainable Agriculture, among others. India has also co-founded the International Solar Alliance (ISA) in 2015 with the sole objective of promoting the use of solar energy worldwide. With over 120 member countries and a fund mobilization in excess of \$1 trillion investment in solar energy by 2030, this movement is now a global reality.



Why electrical vehicles?

India's Electric Vehicle (EV) market has accelerated in recent years with the entry of private players and government subsidies. India accounted for 1.5 million Electric two-wheelers and 15,000 electric cars. As per the estimates of NITI Aayog, the power consumption required to cater to EVs is estimated to be around 69 TWh by 2030, which would be equivalent to around 5% of the total electricity consumption in India, according to a report by the National Institution for Transforming India.



Third in renewable energy country attractiveness index

World's largest renewable energy expansion plan of 450 GW by 2030

Allocation of ₹19,500 Crore for Solar PLI Scheme in 2022

The Government of India has targeted 30% EV penetration by 2030

Up to 100% FDI is allowed for renewable energy generation & distribution projects

India's electric vehicle market size is expected to reach \$152.2 billion by 2030

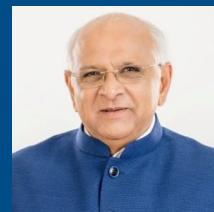
On the 75th Independence Day, the Prime Minister of India Mr. Narendra Modi announced a vision to transform India into an energy independent nation by 2047. The country has set a target to achieve a capacity of 175 GW by the end of 2022.

With the assistance of government reforms, India's growth in the renewable energy domain is exponential. The country's solar installed capacity was 50.303 GW as of 31 January 2022, 4th highest in the world.

At the 14th India-Japan Annual Summit, India and Japan extended a clean energy partnership to cover EVs, battery storages and green hydrogen as the two Asian economic powerhouses move towards NZ carbon emission pathways.

Our world is blessed with different natural resources; sunlight and water are the two main sources of power generation. Our PM Shri Narendraabhai Modi has envisaged that India will emerge as a global leader in renewable energy generation in the near future. Therefore, our entrepreneurs are invited to establish renewable energy production across the country.

I am delighted to know that Intersolar India has been happening in Gandhinagar. I am sure this Expo will establish Gujarat as a global manufacturing hub for solar energy. I congratulate the organizers for their efforts, and wish them grand success in this event.



Shri. Bhupendra Patel
Hon'ble Chief Minister,
Government of Gujarat

The Gujarat energy market

Gujarat is one of the largest and most industrialized states in India. According to the Gujarat Electricity Regulatory Commission (GERC), the state had a total installed power generation capacity of around 35,000 MW as of 2021. This includes thermal power plants, hydropower wind and solar power plants, as well as other sources of energy. The state's focus on renewable energy is expected to grow in the coming years as the government seeks to promote sustainable energy solutions and reduce its dependence on fossil fuels.

Renewables sector

Gujarat is one of the leading states in India in terms of installed solar power capacity, with around 5,500 MW of solar power capacity as of 2021. The state has several large-scale solar power projects, including the 1,000 MW Charanka Solar Park, which is one of the largest solar parks in the world. In addition to solar power, Gujarat has significant wind power capacity, with around 7,500 MW of installed wind power capacity as of 2021. The state has several wind power projects located along its coastline, which has favorable wind conditions for power generation.

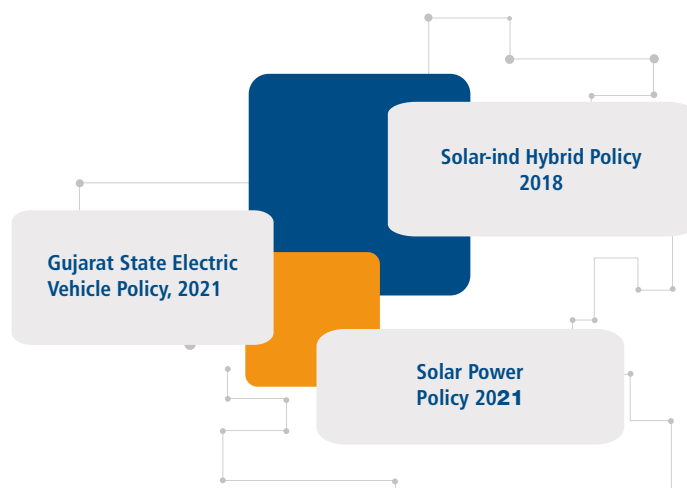
Energy storage

Dependable energy storage solutions are the need of the hour in Gujarat given the state's recent success in implementing solar solutions such as the 10MW battery storage system at the Charanka Solar Park, solar battery banks at the 700 MW Radhanesda Solar Park and 600 MW Dholera Solar Park. According to data from the Gujarat Energy Transmission Corporation Limited (GETCO) consumers have installed over 50,000 solar rooftop systems as of 2021. The big opportunity lies in storage solutions that cater to demand variation.

EV market

In recent years, Gujarat has emerged as a hub for the manufacturing of electric vehicles in India, with several major automakers setting up manufacturing facilities in the state. For example, Tata Motors has set up an EV manufacturing plant in Sanand, Gujarat, and MG Motor has set up a manufacturing plant in Halol, Gujarat, for the production of its electric SUV range. By promoting the manufacturing and adoption of EVs, and investing in EV infrastructure, Gujarat can help to meet India's growing demand for electric vehicles and contribute towards the global transition to cleaner, more sustainable transportation. This would not only help to reduce greenhouse gas emissions but also create new economic opportunities and jobs in the state.

Strong Policy Initiatives by Gujarat Government:

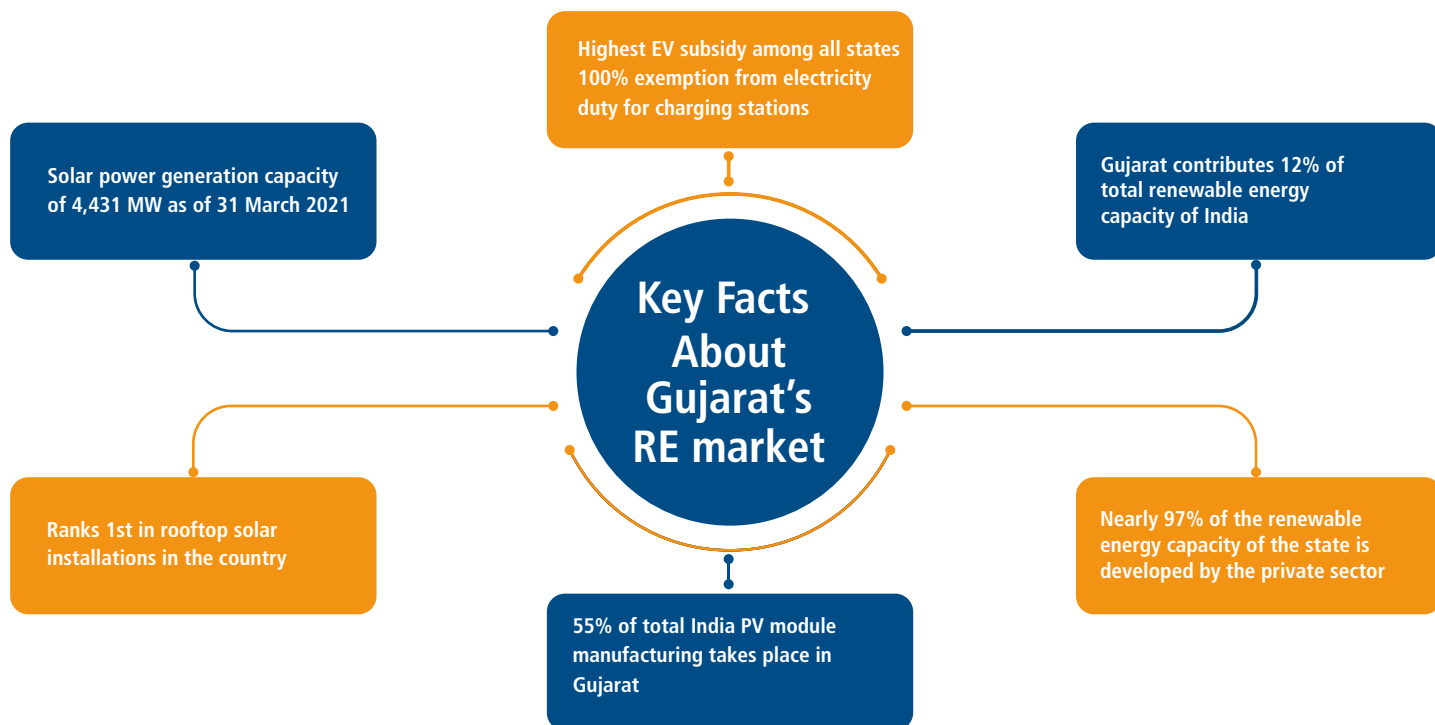


THE WORLD'S LARGEST RENEWABLE ENERGY PARK

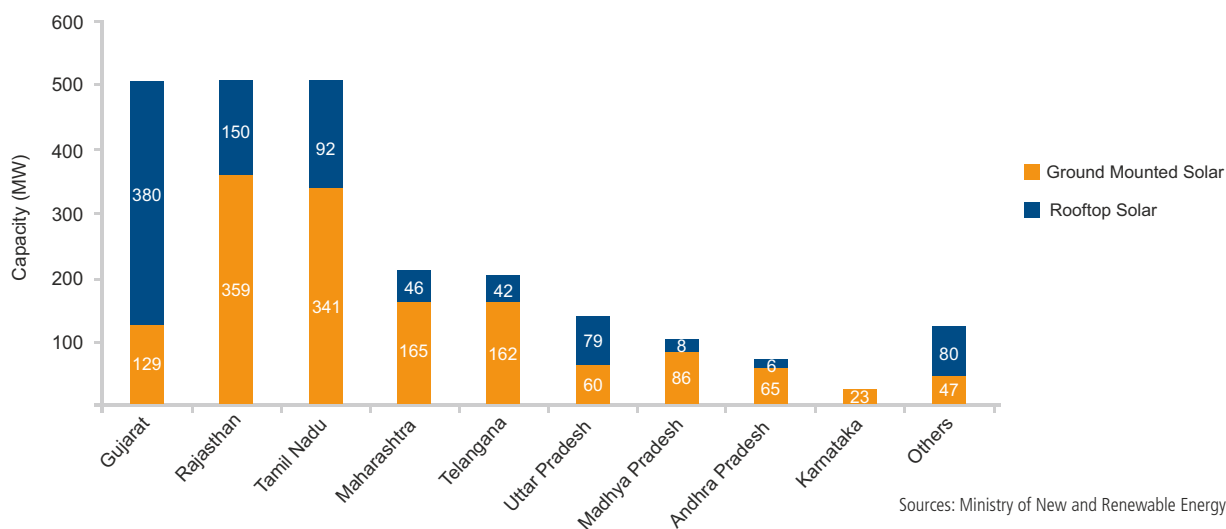
The Khavda renewable energy park in Kutch, Gujarat, will be the world's largest to generate 30 GW of renewable energy. The park is under construction and spread across 72,600 hectares, which will attract an investment of ₹1.5 trillion. It will be fully functional by 2025.

Gujarat: A Hotspot of India's Solar & Green Energy Revolution

Gujarat is one of India's most solar-developed states. It is taking rapid strides into the renewable energy (RE) sector with a plethora of mega green energy projects. These projects relate not just to electricity generation but also to the solar equipment manufacturing sector.



Gujarat leads in



Growing Electric Mobility In Gujarat

Gujarat is also a forerunner in the EVs segment. It aims to deploy 200,000 EVs on the road in the next 4 years.

The sale of electric vehicles increased nearly 10-fold from 149 units in October 2020 to 1,621 units October 2021.

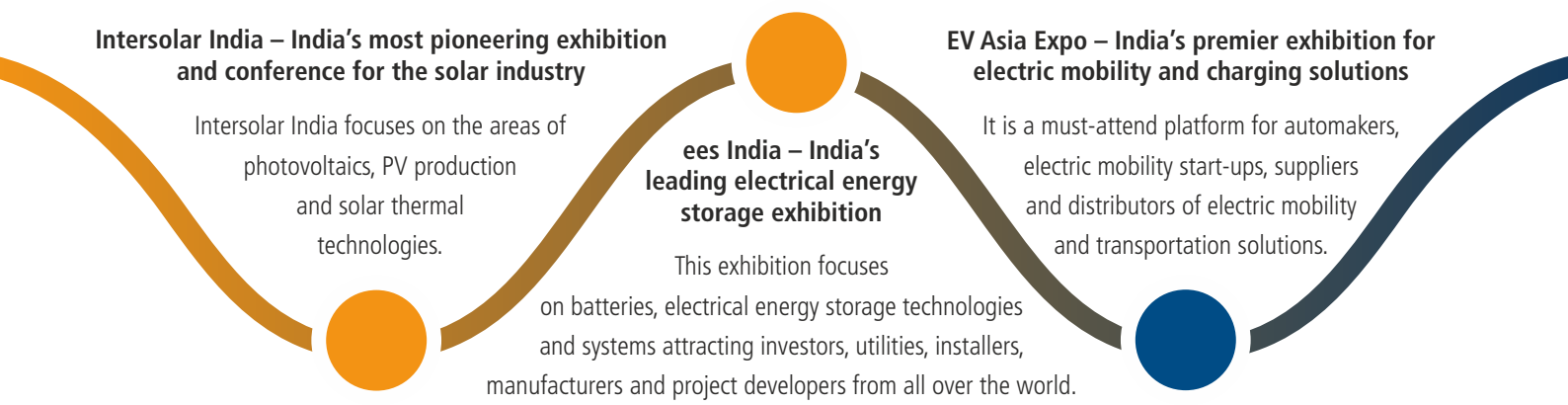
The Gujarat government rolled out its EV policy in 2021. This is a progressive policy providing in a significant boost to the EV industry in India

It also has the highest adoption of battery operated two wheelers in the country, which makes it an ideal proposition for industries to invest in EVs.




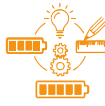







The Smarter E India 2024

With three parallel energy exhibitions, The smarter E India is India's innovation hub for the new energy world. It focuses on the generation, storage and use of energy and brings together local stakeholders and international experts in the energy sector and reflects the interaction of the solar, energy storage and electric mobility industries. The smarter E India brings together the renowned Intersolar India, ees India and EV Expo. The 16th edition of this exhibition is to be held in Gandhinagar on January 17-19, 2024.











Three energy exhibitions under one roof



Exhibitor Profiles

 Manufactures, suppliers and service providers	 Research and development institutes	 Financial service providers and consultancies	 Project developers and EPC contractors	 System providers and integrators	 Trade media / Publishing
 Certification institutes	 Providers of grid infrastructure & solutions for integration of renewable energy	 Associations and societies	 Battery cell producers and energy storage system suppliers	 Fuel cell manufacturers	 Automotive industry and mobility providers

Visitor Profiles

 Installers and integrators	 Grid operators	 Manufacturers and suppliers	 Large scale distributors	 Energy consultants	 Government officials and policy makers
 Architects and energy planners	 Investors and analysts	 Towns/local authorities and public institutions	 Project developers and EPC contractors	 Urban planners	 Distributors

JOIN US AND DISCOVER A UNIVERSE OF RICH OPPORTUNITIES BY CONNECTING WITH A UNIQUE AUDIENCE OF PROFESSIONALS

Key highlights



Don't miss the opportunity to participate

Pricing

Rate (EURO)* per sqm	Re-Booking 1	Member 2	Non-Member 3
Raw Space	€ 185	€ 205	€ 240
Basic Booth Design	€ 205	€ 225	€ 260

Raw space is the rental of floor space only and does not include any utilities, services, walls, carpet or furnishings. Included with each booth space: Web listing with link to your exhibitor website, free listing on MMI Connect, complimentary visitor brochures and free visitor registration for your customers.

1. Re-Booking: Exhibitors of The smarter E India 2022 and the The smarter E India global e-connect 2022.

2. Member: Companies qualify for the member rate if the company applied for the membership program and applied for an Intersolar or ees or EV Asia or EM-Power exhibition within the past 12 months of application submission.

Please note: a retroactive discount is not possible.

*Taxes of 18% will be charged extra on the above prices.

The smarter E India 2022 Grew by 133% from Last Year

Exhibitors	Visitors	International Speakers	Paid Delegates	Buyer – Seller Meetings
170	9500	88	250	250

STAKEHOLDER TESTIMONIALS



We need a hundred exhibitions like The smarter E India because everyone needs to lead their lives using 100% solar energy as we do not have a choice.

Chetan Singh Solanki,
Founder,
Energy Swaraj Foundation



We are a very big fan of Intersolar India. We have been participating in this event for several years, not only in India but also in Munich and North America. We are always happy to participate in this event.

Bharat Bhut,
Co-founder and Director,
Goldi Solar



The reason we have participated in this prominent event is to expand our footprint in the Indian market.

Marco Casale,
CEO,
Peimar Group



We have received tremendous visitor footfall. We are extremely delighted with the response at this event.

Rajorshi Sarkar,
Market Research Analyst
& Regional Manager,
India & Southeast Asia, Peimar Group



This kind of event attracts a lot of suppliers. It gives us the confidence that we can find solutions that we are seeking for our business.

Abhay Singh,
Lead Procurement,
ReNew Power



It is always a good experience to be participating in this event. It is a pleasure to see a huge visitor turnout at this event. We look forward to participating again next year.

Shaji John,
Sr. VP,
Ohmium



This event is an important get-together for the whole industry, and we are able to generate promising leads through this platform.

Chirag Nakrani,
Founder and MD,
Rayzon Solar



I am sure that this event will become Asia's leading tradeshow in this segment in the coming few years.

Chetan Shah,
Chairman & Managing Director,
Solex Energy Limited



This three-day event gives an opportunity to meet potential buyers from across India. We have received a very good response from this show.

Avinash Hiranandani,
GCEO & Managing Director,
ReNewSys India Pvt. Ltd.



We are currently focusing on the Gujarat market. This platform has given us an opportunity to meet potential customers from this market.

Dharmin Sheth,
Director,
Contendre Solar





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