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National Stock Exchange of India Limited



Corporate Profile

April 2020

ISO 9001 & ISO 14001:2015 CERTIFIED

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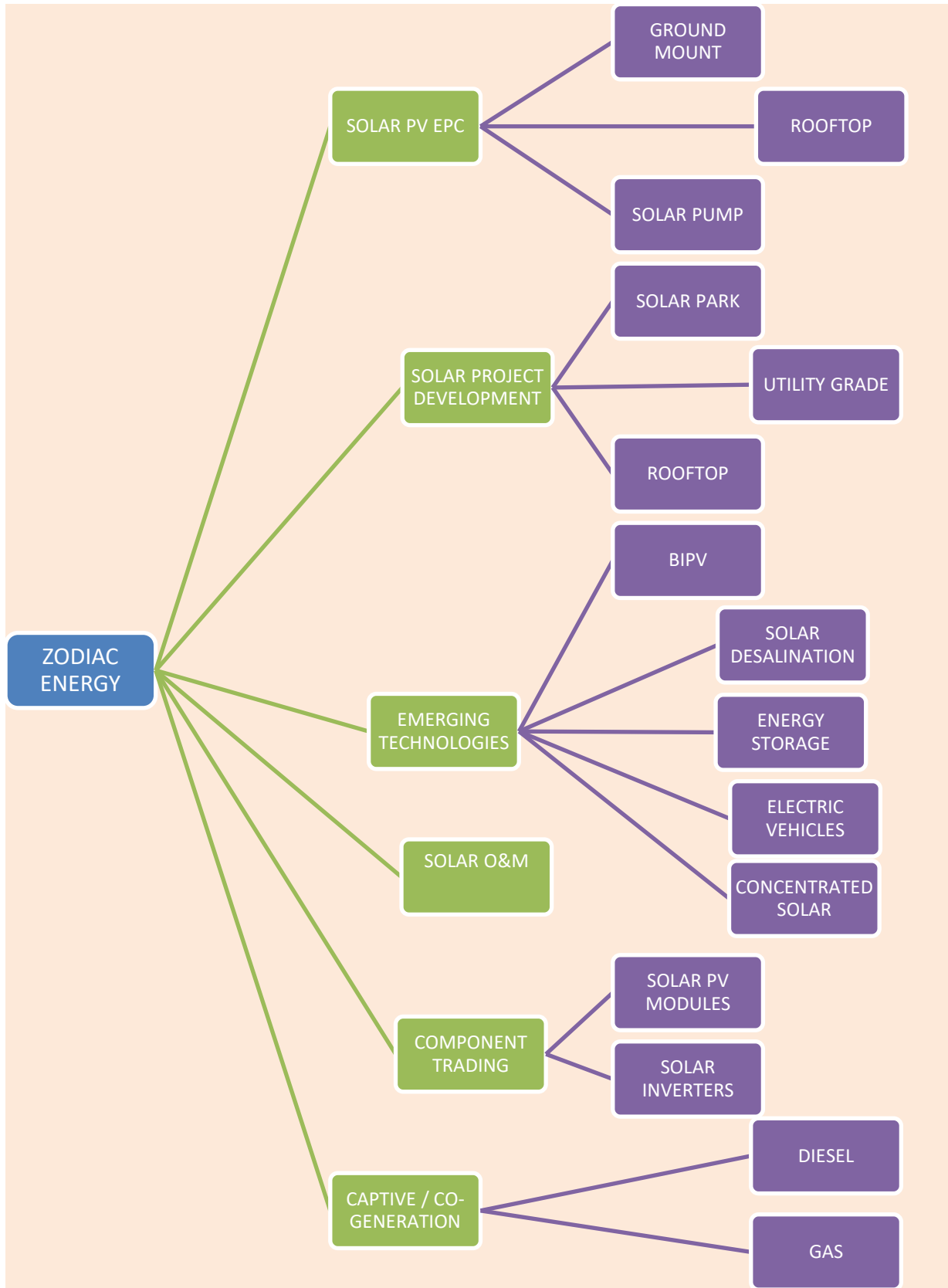
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About Company

Zodiac Energy Limited is publicly listed company on National Stock Exchange of India (NSE). Zodiac Energy was incorporated in 1992 at Ahmedabad as Zodiac Gensets Private Limited and subsequently the name of company was changed to Zodiac Energy Private Limited in 2007 and listed as Zodiac Energy Limited on NSE in December 2017.

- **ZEL is India's leading company in Solar PV with 56 MWp and 5000 plus installations till Mar 2020.**
 - **Residential Rooftop – 20 MWp with 4600 installations**
 - **Industrial and Commercial Rooftop – 28 MWp with 389 installations**
 - **Ground Mounted – 8 MWp with 386 installations**
- **Zodiac Energy Limited has installed more than 150 MW+ Diesel/Gas based captive/co-generation plants across India since 1992.**
- **The management team of Zodiac Energy has executed more than 450 MWp of solar power projects in medium and large capacity.**
- ZEL successfully entered capital market with its Maiden IPO on National Stock Exchange (NSE) in November 2017 and it has been listed Corporate on NSE since December 2017.
- ZEL is ISO 9001-2015 and ISO-14001 organisation and accredited channel partners and category 'A' supplier for Ministry of New and Renewable Energy (MNRE), Govt. of India for Solar PV on-grid and off-grid application.
- ZEL initially started its business as an authorized genset O.E.M. of Kirloskar Oil Engines Limited and then expanded its business operations gradually into various fields. Provides turnkey energy solutions based on Solar PV, Coal, Gas and Diesel based power generation projects.
- ZEL provides Solar PV Solutions for Ground Mount & Rooftop Solar Power Plant, Solar Water Pumps, Solar Off-Grid Systems and Building Integrated Solar Photovoltaic (BIPV).
- ZEL entered Green Building industry with Innovative Building Integrated Photo Voltaic (BIPV) solutions as with solar modules coated with special layers to work as live façade, capable of generating solar power in buildings and address their clean energy needs. ZEL has partnered with Solaxess AG of Switzerland to bring this technology in India for First Time.

Zodiac Group's Business :



Business Areas:

ZEL provides energy solutions in the renewable and conventional space with focus on Solar PV, Solar Building Integrated Photovoltaic (BIPV) and Solar Thermal applications as mentioned below; ZEL also focus on emerging technologies such as Energy Storage, Electric Vehicles, Solar Desalination and CST.

1. Solar Photovoltaic (PV) System

ZEL offers grid connected solar PV systems, rooftop solar PV systems, off grid solar PV systems, solar pumping solutions, building integrated PV systems, etc. by utilising high quality solar modules, inverters, controllers and storage batteries. Operations & Maintenance of Ground Mounted and Rooftop Solar Assets.

2. Solar Thermal

a. Concentrating Solar Power System

ZEL is in development process for concentrated solar thermal systems to generate solar steam with help of parabolic troughs and Scheffler solar dishes for various applications like process steam, water desalination, waste-water evaporation, incinerator, solar air-conditioning etc.

b. Solar Water Heater:

ZEL offers solar water heating solutions for residential, commercial and industrial purpose using solar energy. ZEL provides two types of solar water heater: (1) Flat Plate Solar Heater and (2) Evacuated Tube Solar Heater.

3. Diesel/Gas based Captive / Co-generation Power Plants.

ZEL provides engineering, procurement and construction (EPC) services of Diesel and Gas Generator sets of various manufacturers such as Kirloskar, Cummins, Caterpillar, Perkins and GE Jenbacher with a power rating ranging from 5 KVA to 4000 KVA with various cogeneration options like VAM, WHRB, HWG etc.

4. Building Integrated Photovoltaic System (“White Solar”), solar embedded in building as building material replacing ALCO Panels.

- Zodiac has entered into the INDO-SWISS partnership for promotion of white solar module to be manufactured using technology developed by Solaxess of Switzerland.
- Solaxess Switzerland holds the worldwide patent for this technology.
- Critical integration and installation of “White Solar” modules exclusively by Zodiac.
- Technical evaluation of manufacturer of “White Solar” modules by Zodiac.


5. Emerging Technologies:

- Zodiac have started working in emerging technologies like Electric Vehicles, Energy Storage, Solar Water Desalination, BIPV and CST.

Management Team:

The biggest strength of ZEL is its highly motivated and dynamic team having rich experience in industries as well as academia and having long term vision on Indian and global energy sector with emphasis on Solar and Renewable Energy Sector.

The key management team is as per following.

Brief Overview	
<p>Mr. Pranav Mehta Chairman Emeritus</p> 	<ul style="list-style-type: none"> • Veteran and acclaimed world leader in the field of Solar Energy. • Fondly called Solar Man of India • Technocrat with over 35 years of experience in conceiving, planning and implementing ultra large size industrial projects. • His outstanding contributions to India have been his seminal work and pivotal role in establishing the country's first natural gas-based sponge iron and steel plant at Hazira in Gujarat (Essar Gujarat Limited) • Instrumental in bringing all the solar stakeholders on one platform and founded the National Solar energy Federation of India (NSEFI), an apex trade body to represent the manufacturers, developers, installers, state nodal agencies and users of solar energy in country and do policy advocacy to increase the reach of solar power in the country. He is the honorary Chairman of NSEFI since its inception. • Instrumental in setting up Global Solar Council having its head quarter at Washington DC, USA, a multi-nation co-operation bringing solar associations of various major solar countries like USA, Germany, China, Japan, India and various other countries under one fold for deployment of solar energy across the globe. He is honorary Chairman of Global Solar Council. • He is Vice Chairman of Asia Photovoltaic Industries Association (APVIA) having headquarter at Beijing, PRC. The Apex body of Asian PV Manufacturers and Developers. • He is member of steering committee of IRENA, the UN body for renewable energy. • He was resident director of Kiran Energy Limited, a leading solar developer in the country having portfolio of more than 70 MW of solar power plants • As an adviser to GSPC and Government of Gujarat (GoG), he was instrumental in implementing the CNG revolution in the city of Ahmedabad and Surat and subsequently in the rest of Gujarat • Recently received the Indira Gandhi Priyadarshini Award for his outstanding work in Energy sector in India and Solar influencer and disruptor award by Future Energy Council, Abu-Dhabi and coveted National Metallurgist Award from the Govt. of India • He is active member of energy committees of CII and GCCI. • He worked as Senior VP of Reliance Group, Group VP for Essar Group, and at Sr. Executive positions in Tata Iron and Steel Company and in Govt. at senior position in GIIC as well as advisor to GSPC and HPCL.

Mr. Kunj Shah
Chairman & Managing Director



- He is the founder Chairman and Managing Director of Zodiac Energy Limited and has nurtured Zodiac since its inception. He has knack towards techno-commercial feasibility and commercializing technologies as business, with more than 29 years of experience in field of Energy and specialization in EPC of Solar PV Power plants, Diesel and Gas Engine based Captive, and Co-Generation Power Plants and Solar PV & Thermal Power Systems.
- Under his leadership Zodiac Energy has ventured into Building Integrated Photovoltaic White Solar technology with a Swiss partner, Solaxess.
- Being an entrepreneur for several years now, has shown commendable interest in nurturing renewable energy and non-conventional energy start-ups and handholding them in taking their products to promotion and distribution in India and other countries.
- He is Chairman of Renewable Energy Committee of ASSOCHAM (Associated Chambers of Commerce & Industries) Gujarat Council.
- He is Certified Energy Auditor, (EA) certified by Bureau of Energy Efficiency (BEE), Government of India.
- He is co-founder Drashta Power Consultants Pvt Ltd, Ahmedabad

Mr. Bhargav Mehta,
Executive Director



- Technocrat having more than 40 years of experience in field of Renewable Energy, Chemical and Petrochemical Sector. He has unique blend of Public and private sector experience.
- He served as Managing Director of Hindustan Fluorocarbons Ltd. a Govt. Of India enterprise, later he served as Advisor of ESSAR Group for Renewable Energy, specially Solar PV energy.
- He served as Director of Business Development for Sun Edison Group USA and he is one of the pioneers of solar PV industry in India and instrumental in setting Solar PV power plants of nearly 100 MW in Gujarat and Rajasthan.
- He has been awarded and executed India's 1st 1 MW project in Gujarat in 2010 by the then CM Shri Narendra Modi

Mrs. Parul Shah
Whole Time Director



- Mrs. Parul Shah, 47 years of age, is a Bachelor of Commerce from Gujarat University. She was appointed as Director of the Company on April 01, 1998. She has 22 years of experience in field of general administration and management of the business. Presently, she is looking after the residential rooftop solar systems, general administration and Human Resource department of the Company.

**Mr. Jaxay Shah,
Non-Executive
Director**



- He is an environmental and sustainability crusader working for the better planet, eco-friendly construction, clean and renewable technologies in the construction material and the industry. Mr. Shah holds a B. E. in Civil Engineering, concentration in geo-technology and foundation engineering from L. D. College of Engineering, Gujarat University.
- He is the Chairman of CREDAI (Confederation of Real Estate Developer's Associations of India), the apex body for private real estate developers in India, representing 11,940 developers through 23 states and 204 city chapters across the country.
- He pioneered the movement to organize real estate developers into a cohesive, progressive and socially enlightened fraternity starting from his home state of Gujarat with GIHED. He founded CREDAI Gujarat with the idea to integrate the real estate development in Gujarat with the national quest for a unified voice for real estate.
- He is gifted with a youthful and dynamic personality. He draws his inspiration from the deepest ideals of the Indian civilization while embracing modernity with equal zeal. He has consistently espoused customer friendly innovations in the real estate sector.
- Under his leadership, CREDAI joined the National Mission of Housing for All by launching more 375 Affordable Housing Projects comprising 250,000 units by CREDAI member developers across India.
- He has given a huge fillip to Skill Development with CREDAI, now training more than 1,00,000 construction workers every year and a target to scale it up to 200,000 workers per annum. Mr. Shah has developed a pan-India vision for solid waste management under the CREDAI Clean City Mission. He established CREDAI Women's Wing as an endeavour towards gender equality in real estate.
- He is National Chairman CREDAI (204 cities of India, 23 State Chapters, 20000 members)
- He is Chairman – ASSOCHEM Gujarat Chapter
- He is Managing Director of Savvy Infrastructure Pvt. Ltd.,
- He is Promoter Kensville Golf and Country club
- He is Promoter – Savvy Swaraaj Sports Academy.
- He is Trustee LAA (LD College of Engineering Alumni Association)
- He is Trustee of JYOT (NGO)

**CA Dhaval R. Shah
Independent Director**



- Mr. Dhaval Shah is Non-Executive & Independent Director of Zodiac Energy Limited.
- He is a member of Institute of Chartered Accountants of India and CFA Institute, USA.
- He has completed B.Com, LL.B., FCA and CFA (USA) and possesses strong academic background.
- He had secured 9th rank in India in CA Final Exam and got 49th Rank in India in CA PE II Exam.
- He possesses overall professional experience of around eleven years in the field of credit and risk management, relationship management, corporate banking, investment banking, stressed asset management, credit rating, accounting, audit etc.
- He has worked with various organisations like ICICI Bank, Citi Bank, CARE Ratings, Hero Finance and Reliance Communications at Mumbai and Ahmedabad location and had handled various responsibilities.

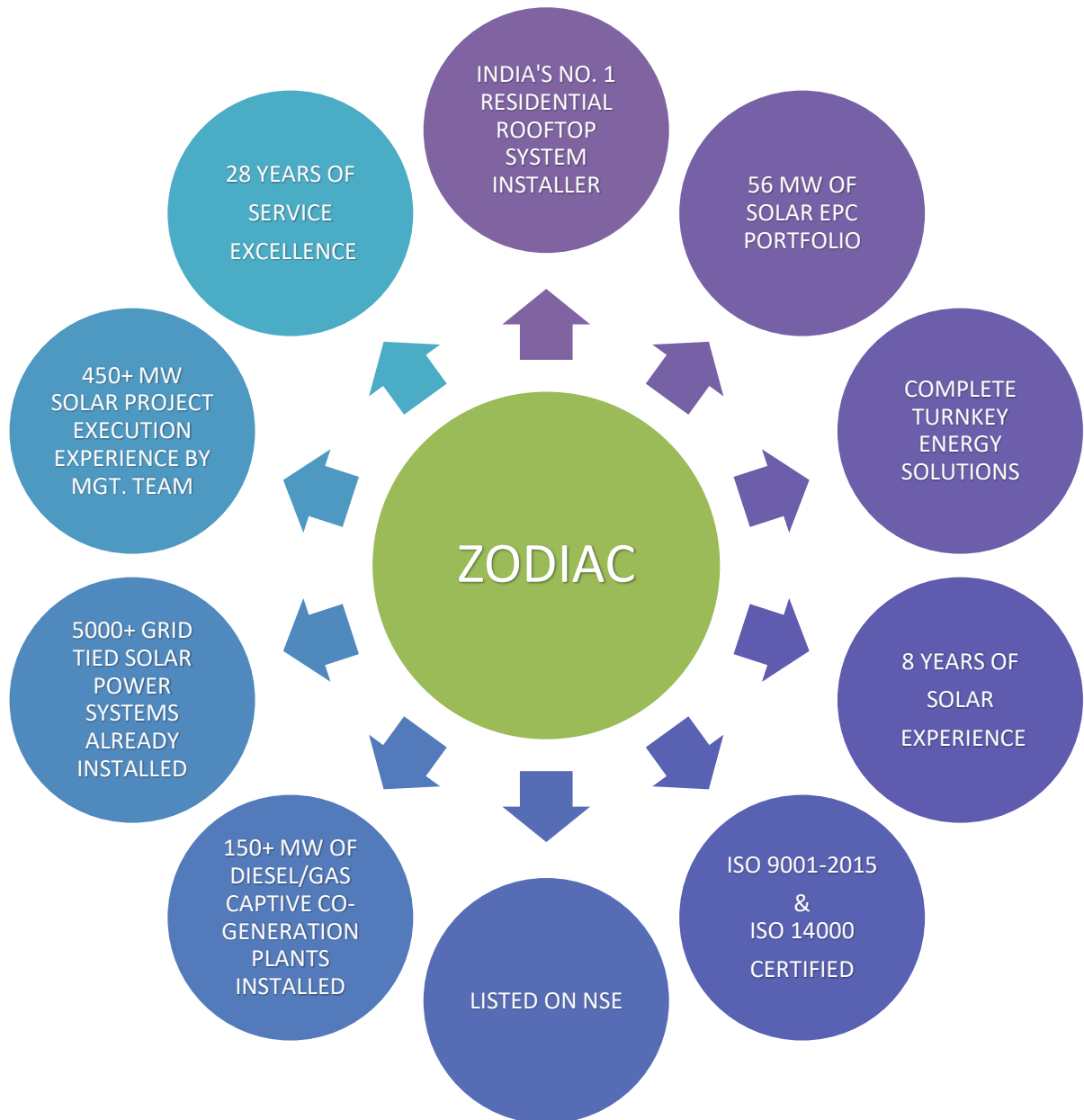
**Kalpesh L Joshi
Independent Director**



- Kalpesh Joshi is non-executive, Independent Director.
- He is having Bachelors' degree in Mechanical Engineering from Gujarat University.
- In his career span of 25 Years he has worked with Indian arms of USA based MNCs like Ingersoll Rand (I) Limited as Leader, International Sourcing and ITT Corporation India P. Ltd. as Director Sourcing, Supply Chain and Logistic in India.
- He is Independent Director in Loyal Equipment Limited and director in Techsolve Engineering Solutions P. Ltd.

<p>Arasu D.T. Vice-President -Ops</p> 	<ul style="list-style-type: none"> • Mr. Arasu is enterprising leader & planner with strong records of contributions in implementing projects, streamlining operations, setting systems & procedures. • He has 30 years of experience in Product / Project Marketing, Project Management, Construction Management, Liasoning, Project Administration and Land Acquisition. • He has served Leading Solar companies like SunEdison Energy Pvt. Ltd; Kshema Power and Cleanmax Solar in senior positions. • He has served as Project Manager for 300+ MW Solar Power Ground Mount Project Utility Projects; acquired 2000+ acres land for solar projects, Constructed 5 PSS with control rooms and more than 500 Km of transmission lines and independently handled Single largest Project of 130 MWp in Bellary District, Karnataka
<p>Chandramohan Vachher Vice-President- Mktg.</p> 	<ul style="list-style-type: none"> • Mr. Chandramohan Vachher is Vice President (Mktg.) • He is having advance diploma in Mktg. Management and more than 28 years of experience in Marketing of Capital Goods & Energy Equipment. • He has worked with Sudhir Power Limited (OEM for CUMMINS India Limited) as regional head, heading its Surat office from 2000 to 2013. • He has served, Sterling & Wilson Powergen Pvt. Limited(OEM for Perkins Engines) from 2013 to 2018 having last position as Head of Western region (Gujarat, MP, Maharashtra & Goa) •
<p>Anurag Mittal Head – Solar Thermal</p> 	<ul style="list-style-type: none"> • Mr. Anurag Mittal, Head, Solar Thermal is an expert in the field of Solar Thermal Energy, with an experience of over 10 years in designing, installing and commissioning Solar Water Heaters & Solar power plants. and providing customize solutions to various Industries. • He has been a major contributor to the promotion and development of Solar Thermal technology. He has served in Electrotherm Limited in its Solar Division prior to joining the company.
<p>Arun Soni Head – Residential Rooftop</p> 	<ul style="list-style-type: none"> • Mr. Arun Soni is Head Residential Rooftop Solar Business of the company. • Mr. Arun Soni holds bachelor’s degree in electrical engineering and also holds MBA Finance. • Mr. Arun Soni was DGM with Indus Towers Limited, Gujarat prior to joining the company. • He has served with Binani Cement, RSEB, BSES and Indus Towers in his 23 years’ career. • He is achievement driven professional having impeccable record of managing P&L

WHY you should choose Zodiac Energy as your trusted Energy Solution Provider:



Our select clients:

SOME OF OUR VALUABLE CLIENTS IN OUR JOURNEY OF 25 YEARS





Business contact :

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THANK YOU



PLEASURE TO DO BUSINESS WITH YOU