

GMR ENERGY



Airports



Energy



Transportation



Urban Infra



Foundation

A LEGACY OF TRUST AND EXCELLENCE

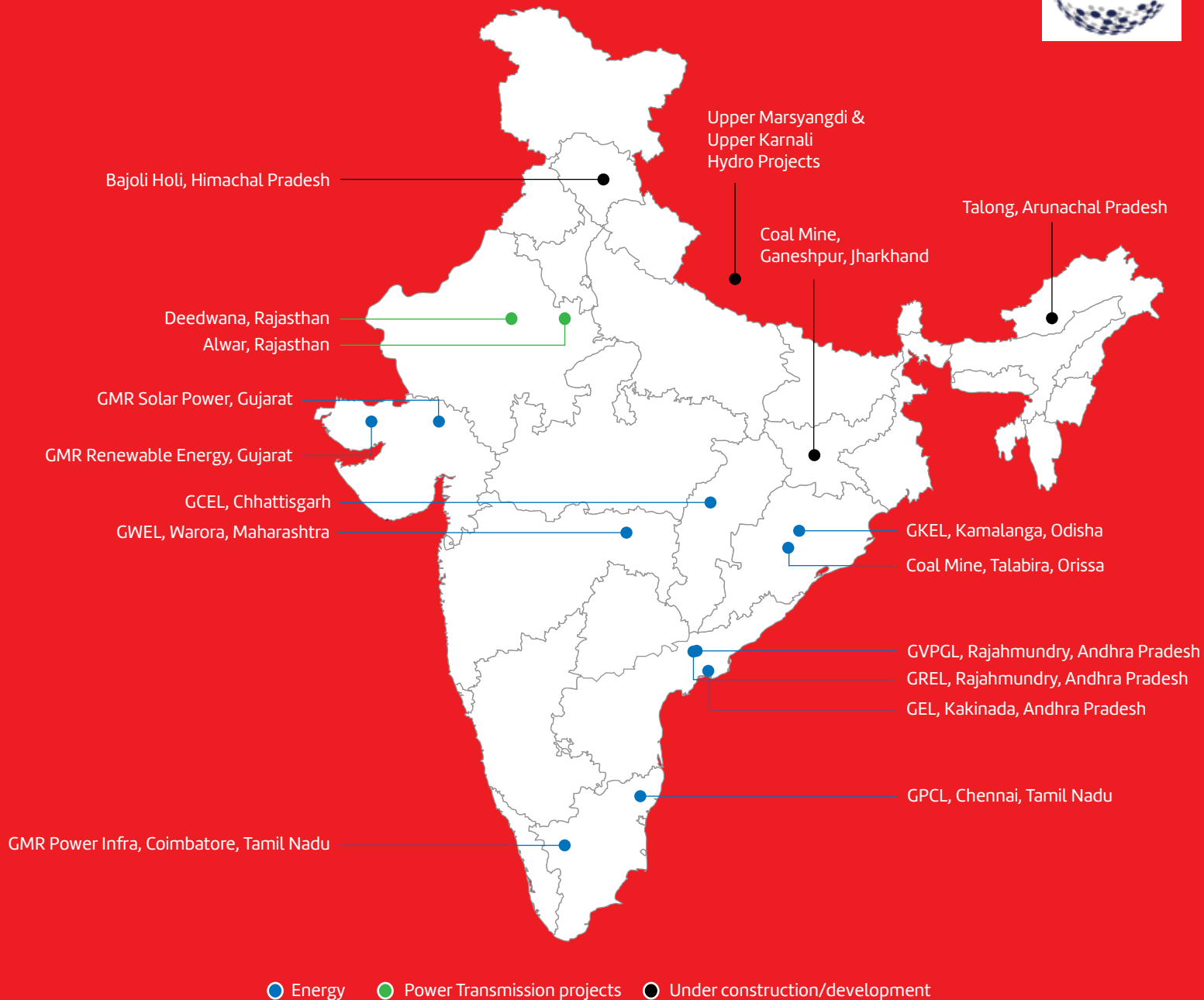


GMR Group is a world renowned infrastructure developer that has an excellent track record of creating mega Infrastructure projects in India and overseas. The Group owns, develops, operates and manages 2 major airports in India (Delhi & Hyderabad) and one in Cebu in The Philippines, 15 power generation projects, 9 modern highways, 1 double rail track line of eastern dedicated freight corridor and developing 2 Special Investment Regions in the south of India. With an asset base of over US \$ 9 billion, GMR Group is one of the largest infrastructure development companies in India.

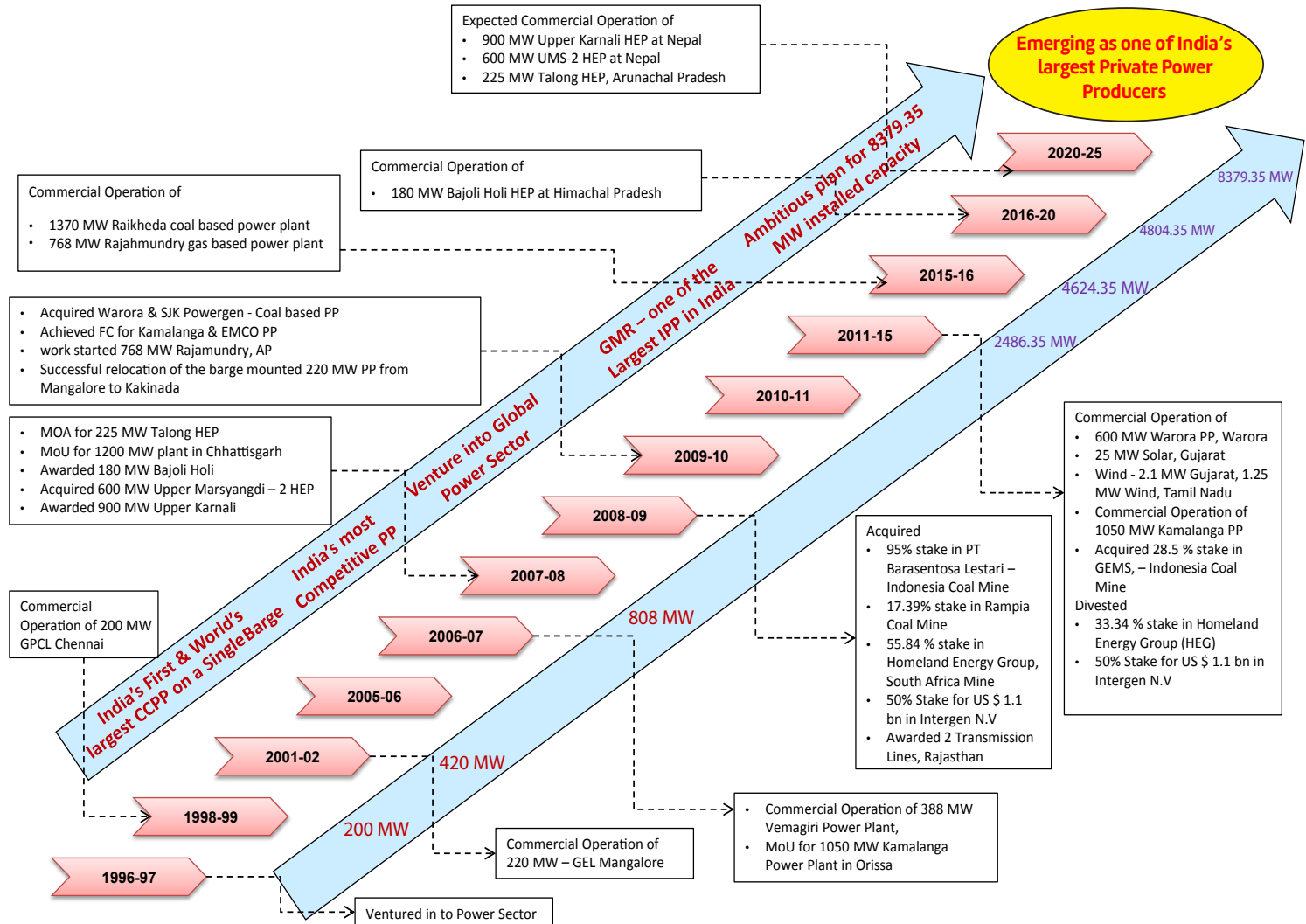
While quality and operational efficiencies guide all the strategic business areas, the Group accords equal emphasis on its work in the area of Social Entrepreneurship and Corporate Social Responsibility. Through GMR Varalakshmi Foundation, the Group promotes and manages projects across the spectrum of Education, Health, Hygiene & Sanitation, Empowerment and Livelihood and Community Development.

GMR ENERGY FOOTPRINT

Over 1200 employees spread over 17 locations

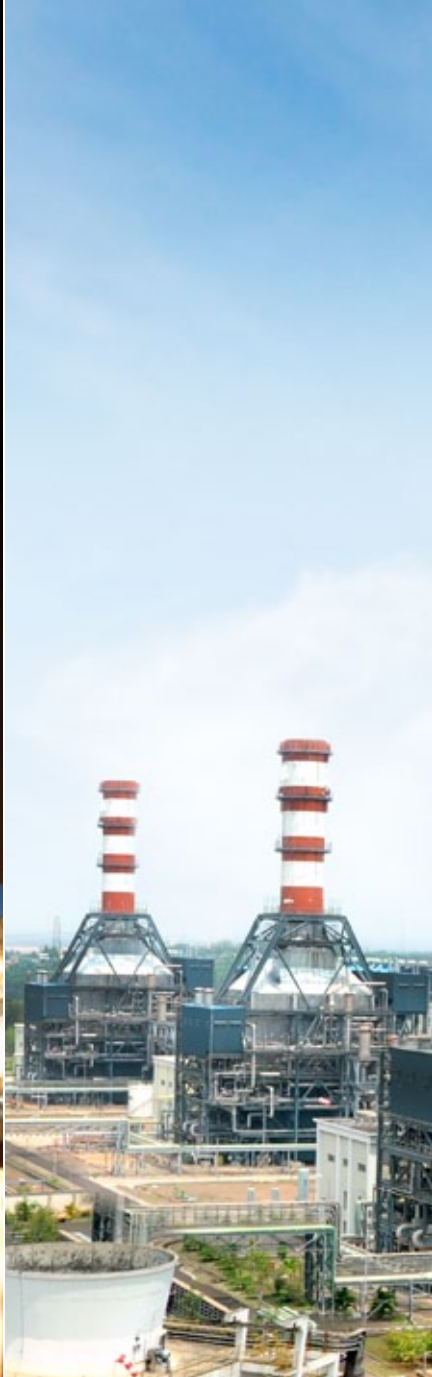


GMR ENERGY – THE GROWTH PATH





COAL



Natural Gas

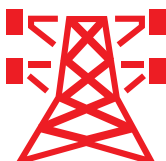


Renewable



Hydro





GMR ENERGY – A WELL-DIVERSIFIED FUEL MIX

GMR Energy is a part of one of the largest diversified Indian Infrastructure Conglomerates, the GMR Group. With an operating capacity of over 4986 MW it, has a balanced fuel mix of coal, gas and renewable sources of wind and solar in India. Apart from this, plant of 180 MW generation capacity is under advanced stage of completion and nearly 1725 MW of projects are under various stages of development in India and Nepal.

Additionally, GMR Energy has developed and is operating 2 large 400 kV transmission lines of 366 kms. A balanced mix of power sales contracts in the short term, medium term and long term gives GMR Energy a unique strength in terms of portfolio diversity. An operating coal property in Indonesia and another under development provides essential requirement of fuel security. It has been allotted two coal blocks through the transparent e-auction and bidding process in India, Talabira I in Sambalpur district in Odisha and Ganeshpur in Jharkhand with estimated reserves of over 90 million tonnes. The company's portfolio is now moving from developing projects (asset creation) to operating assets (revenue generation).

All this is backed up by a team of highly experienced and professionally skilled people and a top class management team, who operate through matured institutional mechanisms of strong governance with IT enabled processes and systems. A robust leadership development mechanism and succession planning ensures sustainability of the business of GMR Energy.

All operating units of GMR Energy hold the certifications of ISO 14001 for environment management, OHSAS 18001 for occupational health & safety and ISO 9001 for quality management systems.

High priority is given to environment protection, occupational safety and social responsibility and structured reporting is done through an IT enabled tool under GRI G4 Sustainability framework.



GMR Warora Energy Ltd.

600 MW, Warora, India

Operational since: March 2013, Fuel Type: Coal



GMR Warora Energy Limited (GWEL)

- 600 MW Coal based power plant, consisting of two units of 300 MW is strategically located in the high growth oriented western region
- Fuel Supply Agreement (FSA) with South Eastern Coal Fields Limited (SECL) coal mines
- Connected to PGCIL Sub-station for power evacuation
- GMR Warora Energy is fully tied up under long term PPA for 200 MW each with Dadar & Nagar Haveli Power Distribution Corporation Limited (DNHPDCL), Maharashtra State Electricity Distribution Company Limited (MSEDCL) and 150 MW with Tamil Nadu Generation and Distribution Corporation (TANGEDCO)
- ISO 9001, ISO 14001, EnMS 50001:2011 and OHSAS 18001 certifications from BVQI
- COD of Unit 1 achieved in March 2013 and COD of Unit 2 achieved in September 2015
- Large greenbelt being developed



CSR Activities

			
Education	Health, Hygiene & Sanitation	Empowerment & Livelihood	Community Development
<p>After School Learning Centers, Navodaya coaching centers, Pratibha Centre Kid Smart Centres, E-Learning and Education Centre</p>	<p>Health clinics, Health awareness programmes, Nutrition centers, Mobile Medical Unit, Special health camps, Individual toilets</p>	<p>Vocational training to youth at GMRVF Vocational Training Centres, Income Generation Activities, Self Help Groups, Agriculture improvement programmes</p>	<p>Community libraries, Gyms, Celebration of special events and awareness sessions for communities</p>



GMR Kamalanga Energy Ltd.

1050 MW, Dhenkanal, India

Operational since: April 2013, Fuel Type: Coal



GMR Kamalanga Energy Limited (GKEL)

- 1050 MW Coal based power plant, consisting of 3 units of 350 MW
- It is strategically located close to the coal belt of Odisha
- It has fuel linkages with Mahanadi Coal Fields (MCL) and Eastern Coal Fields (ECL)
- There is a long term Power Purchase Agreement with GRIDCO (Odisha), Uttar Haryana Bijli Vitran Nigam, Haryana State (UHBVNL) as well as Bihar State Electricity Board
- ISO 9001, ISO 14001 and OHSAS 18001 certifications from SPS
- It has 15% untied capacity to take advantage of the merchant market
- CoD of Unit 1 achieved in March 2013, Unit 2 in November 2013 and Unit 3 in March 2014
- Large greenbelt being developed



CSR Activities

Fees Concession Support at GMR DAV Public School was provided to 83 students who joined the school from land loser families. Health Insurance Policy for 2264 land loser families was provided through National Insurance Company. One family can avail ₹ 30, 000/- insurance value in this scheme and in case of accidental death of the head of the family, the family will get ₹ 1 lakh as insurance value.



Education

Support extended to Govt. schools & Anganwadis, Tuition Centers & Kid Smart Centers, Providing educational scholarships to deserving children



Health, Hygiene & Sanitation

Regular health camps for children, adolescents, women & elders, Regular health check- ups in schools



Empowerment & Livelihood

Promotion of cash crop cultivation, vegetable production, mushroom cultivation, fish farming, goat farming, poultry, etc.; Sponsoring youth for vocational trainings; Tailoring training for women



Community Development

Community libraries; Strengthening cultural groups and institutions; Support to youth groups for sports and cultural activities; Celebration of designated days



GMR Chhattisgarh Energy Ltd.

1370 MW, Raipur, India

Operational since: November 2015, Fuel Type: Coal



GMR Chhattisgarh Energy Limited (GCEL)

- 1,370 MW supercritical coal-based power project, consisting of two 685 MW units, located in the state of Chhattisgarh
- Unit one was commissioned in mid 2015 and unit 2 will be commissioned in early 2016
- The plant has been granted a provisional Mega Power Project status by the Chhattisgarh Power Project



CSR Activities

			
Education	Health, Hygiene & Sanitation	Empowerment & Livelihood	Community Development
Scholarships for needy students; Navodaya coaching support; Kid Smart Centers; Transport facility for college going girls; Educational support to Govt. schools and Anganwadis	Dispensaries; Ambulance service; Providing care and support to sickle cell and malnourished children; Support for establishing an X-Ray unit at Govt. Hospital; Set up Blood Bank at Mission Hospital; Weekly health awareness programs	Provide vocational training to youth; Promote women SHGs and facilitate Cash Credit Limit to SHGs; Agricultural equipment bank; Trainings on improved agricultural practices for farmers; Tailoring training for women; Supported 100 families for income generation activities	Constructed community halls in two villages; renovated one pond and constructed Nirmal Ghats



GMR Power Corporation Ltd.

200 MW, Chennai, India

Operational since: November 1999, Fuel Type: LSHS



GMR Power Corporation Limited (GPCL)

- 200 MW LSHS power plant, with 4 units of 50 MW
- Tamil Nadu's first independent power producer, operational since November 1999. Successfully completed 16 years of operation & maintenance
- Entire power off-take by TNEB till 2015
- Danish technology for two-stroke diesel engine from MAN B&W
- Established a unique sophisticated Sewage Treatment Plant (STP) that treats 7200 cubic meters of raw sewage per day from Chennai Metropolitan & Sewerage Board to produce 5400 cubic meters of clean water for its captive use in plant operations
- Incorporation of Reverse Osmosis (RO) technology for the final stage of purification to neutralize harmful pollutants
- ISO 9001, SA 8000, ISO 50001, ISO 14001 and OHSAS 18001 certifications from Det Norske Veritas (DNV) for its EHS initiatives.
- M.S. Swaminathan Award for environment protection



CSR Activities



Education

Providing Support to Govt. schools and Anganwadis in improving the quality of education



GMR Energy Ltd.

220 MW, Kakinada, India

Operational since: November 2001, Fuel Type: Natural Gas

GMR Energy Limited (GEL)

- 220 MW barge mounted gas based plant
- India's first and the World's largest combined cycle power plant on a single barge
- US technology for aero-derivative gas turbines
- Operational since November 2001 and redeployed at Kakinada since April 2010
- Received 5 S Excellence Award – 2006
- National Water Management System – 2007 for excellent water efficient unit
- ISO 9001, ISO 14001 and OHSAS 18001 certifications from DNV



CSR Activities



Health, Hygiene & Sanitation

Free health clinics; Medical Camps; Supplementary nutrition food support; Facilitate Cataract surgeries



Community Development

Support to fire victims' families; Computer based Functional Literacy Program



GMR Vemagiri Power Generation Ltd.

388 MW, Rajahmundry, India

Operational since: September 2006, Fuel Type: Natural Gas



GMR Vemagiri Power Generation Limited (GVPGL)

- 388 MW gas based independent power producer
- Operational since September 2006
- NG / RLNG fired combined cycle power plant
- ISO 9001, ISO 14001 and OHSAS 18001 certifications from DNV



CSR Activities



Education

Education support to children from Govt. schools; Education support to HIV infected and affected children; Distribution of shoes; Kid Smart Early Learning Center (ELC); Distribution of specially designed workbooks for school children

Health, Hygiene & Sanitation

Nutrition & Counseling support to HIV infected children; Door step health care services for senior citizens; Orientation & nutrition support for women addressing Reproductive and Child Health care issues; Creating Suvidha Public Toilets



GMR Rajahmundry Energy Ltd.

768 MW, Rajahmundry, India

Operational since: October 2015, Fuel Type: Natural Gas



GMR Rajahmundry Energy Limited (GREL)

- 768 MW gas-based combined cycle power project
- This power project is located at a site adjacent to Vemagiri Power Plant in the state of Andhra Pradesh
- Both unit 1 and unit 2 were commissioned in the later half of 2015



CSR Activities



Education

Education support to children from Govt. schools; Education support to HIV infected and affected children; Distribution of shoes; Kid Smart Early Learning Center (ELC); Distribution of specially designed workbooks for school children



Health, Hygiene & Sanitation

Nutrition & Counseling support to HIV infected children; Door step health care services for senior citizens; Orientation & nutrition support for women addressing Reproductive and Child Health care issues; Creating Suvidha Public Toilets



GMR Gujarat Solar Power Pvt. Ltd.

25 MW, Patan, India

Operational since: March 2012, Fuel Type: Solar

GMR Power Infra Ltd.

1.25 MW, Coimbatore, India

Operational since: Dec 2011, Fuel Type: Wind

GMR Renewable Energy Ltd.

2.1 MW, Kutch, India

Operational since: July 2011, Fuel Type: Wind

GMR Rajam Solar Power Private Ltd.

1 MW, Rajam, India

Operational since: January 2016, Fuel Type: Solar



GMR Gujarat Solar Power Private Limited

GMR Energy set up its first solar power plant on March 4, 2012 at Charanka, Patan district in Gujarat. This 25 MW solar power plant uses crystalline solar photovoltaic modules. On December 8, 2010, the plant entered into a 25-year PPA with Gujarat Urja Vikas Nigam Limited (“GUVNL”) with respect to the entire power generated from the Patan Power Plant.

Out of 23 Solar Power Plants in the Charanka Solar Park, this is the only plant with triple certification of ISO 9001, ISO 14001 and OHSAS 18001.

GMR Renewable Energy Limited

It is a wind-based power plant with a gross capacity of 2.10 MW located in Moti Sindhodi Village, Kutchh District, Gujarat owned by wholly-owned subsidiary GMR Renewable Energy Limited. The Plant commenced commercial operations in July 2011. The 25-year PPA has been signed with Gujarat Urja Vikas Nigam Limited (“GUVNL”) with respect to the entire power generated from the Plant.

GMR Power Infra Limited

A wind-based power plant with a gross capacity of 1.25 MW is located in Muthayampatty Village, Tirupur District, Tamilnadu. This plant is owned by a wholly-owned subsidiary, GMR Power Infra Limited. The plant commenced commercial operations in December 2011. The 20-year PPA was signed with TANGEDCO with respect to the entire power generated from the Plant.

GMR Rajam Solar Power Private Limited

A 1 MW solar power plant, supplying to GMR Institute of Technology and GMR Care Hospital, is a ‘renewable energy supply company’ (RESCO) commissioned in January 2016. It has two 25 years’ power purchase agreements (PPAs) with the engineering college and the hospital with an attractive tariff, which is lower than prevailing Discom tariff in the State of Andhra Pradesh.

Bajoli Holi

180 MW, Chamba, India

Fuel Type: Hydro







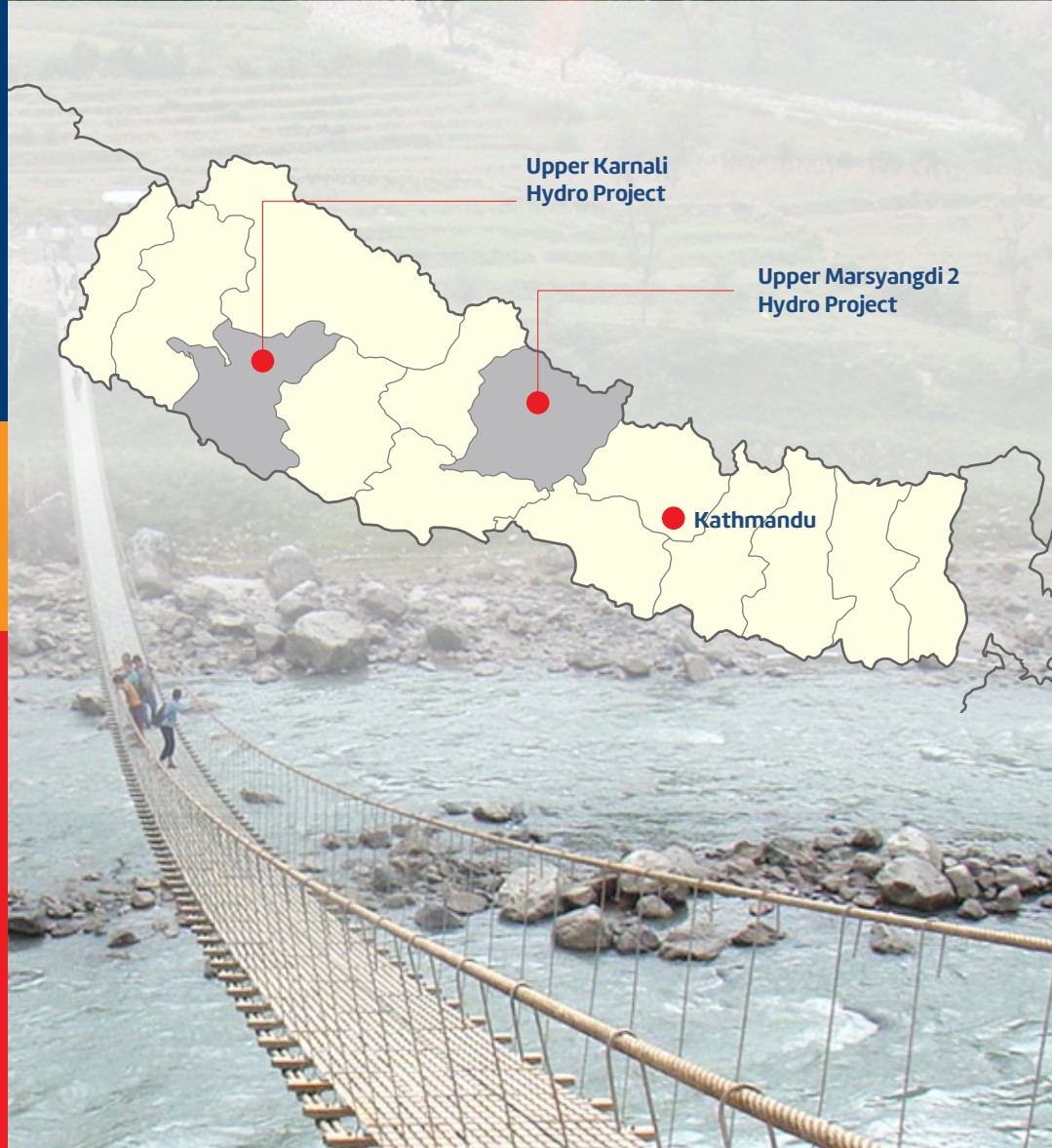
Bajoli Holi

- 180 MW run-of-the-river power facility being constructed on the River Ravi in the Chamba district of the state of Himachal Pradesh.
- Bajoli Holi Power Project will begin commercial operations during 2018
- Project received all the statutory clearances from the State and Central Government for the commencement of construction
- Civil construction is in full swing on all fronts
- Electro-mechanical and Hydro mechanical package have been awarded
- The Project has also been registered with UNFCCC as a CDM Project and has completed the WCD audit.



CSR Activities

			
Education	Health, Hygiene & Sanitation	Empowerment & Livelihood	Community Development
Coaching Centers in Govt. schools; Community Library & Community Resource Centre ITI coaching; Navoday coaching classes; ELC /Kid smart Centre; Providing facility support to schools	Support to X-Ray unit; Provided 1 ECG machine unit to Community Health Centre; Support in pulse polio campaign; Setting up physiotherapy and maternity and Child Health Centres in Deol; Eye camp at CHC Jabbal; Outreach & emergency medical services	Centers for Sewing and crafts in Holi, Deol and Nayagram; Green House and material support to promote agri and other businesses; Sports kits to youth	Installed Road safety signag; Disability Certification; installing Solar light units Nayagram and Bajol; Repairing Public toilets; Horticulture training for farmers



GMR Upper Karnali Hydropower Ltd.

900 MW, Dailekh, Nepal

Fuel Type: Hydro

Himtal Hydropower Company Pvt. Ltd.

600 MW, Himtal, Nepal

Fuel Type: Hydro



GMR Upper Karnali Hydropower Limited




- 900 MW Upper Karnali Hydro Electric Project (UKHEP) located on river Karnali in Dailekh, Surkhet and Achham districts of Nepal
- Project Development Agreement (PDA) for Upper Karnali Project was signed on 19th Sep 2014 with Govt. of Nepal
- The power project has already received environmental clearance in April 2013.
- Major part of power generated will be exported to India through dedicated transmission lines, which will be developed by GMR Energy, through Nepal based subsidiary
- Joint Development Agreement (JDA) signed in December 2014 with IFC (part of World Bank Group). As per JDA, IFC shall be co-developer in the project (both for Hydro Project Company and Transmission Line Project Company) with 10% shareholding and will also undertake role of lead lender and lead debt arranger

Himtal Hydropower Company Private Limited

- 600 MW Upper Marsyangdi -2 Hydro Electric Power Project (UMHEP) on the river Marsyangdi in Lamjung and Manang districts of Nepal.
- A Joint Development Agreement (JDA) has been executed with IFC as co-developer with 10% equity rights. .
- The power project received environment clearance in December 2012
- Joint Development Agreement (JDA) signed in December 2013 with IFC (part of World Bank Group). As per JDA, IFC shall be co-developer in the project (both for Hydro Project Company and Transmission Line Project Company) with 10% shareholding and will also undertake role of lead lender and lead debt arranger



CSR Activities

		
Education	Health, Hygiene & Sanitation	Empowerment & Livelihood
<p>Bala Badis; providing Infrastructure support to Govt. schools</p>	<p>Running Govt. approved health post in Ramaghad village; distribution of Free medicines; Organizing various health camps and Vitamin A supplement camps.</p>	<p>Vocational training for youth at Delhi; Provide agriculture support and veterinary support; Conducted an intensive agriculture mapping drive.</p>



GMR Badrinath Hydro Power Generation Pvt. Ltd.

300 MW, Chamoli, India

Fuel Type: Hydro

GMR Londa Hydropower Pvt. Ltd.

225 MW, East Kameng, India

Fuel Type: Hydro



GMR Badrinath Hydro Power Generation Private Limited

- 300 MW Alaknanda HEP on Alaknanda River in Uttarakhand State.
- The power project has received, among other permits and approvals, environmental clearance, techno economic concurrence, forest clearance, long-term grid access, host country approval and has all required land in its possession.
- The project has been registered with UNFCCC as a CDM Project and has completed the WCD audit.
- Project implementation has been delayed on account of an on-going study by MoEF as per the direction of Hon'ble Supreme Court of India on the backdrop of unprecedented flood and subsequent devastation that occurred in June 2013 in Uttarakhand State.

GMR Londa Hydropower Private Limited

- 225 MW project in East Kameng district in Arunachal Pradesh.
- The project has completed the Detailed Project Report ("DPR") and received techno-economic concurrence from the Central Electricity Authority.
- The ToR for EIA studies has been approved by MoEF and the EIA / SIA studies have been completed for the project.
- In July 2014, public hearing was successfully conducted at the project site and subsequently MoEF granted in-principle environmental clearance for the Project.



Power Transmission

GMR Energy has developed two transmission projects in Rajasthan State of India during FY 2014 awarded on a Build, Own, Operate and Maintain (BOOM) basis by Rajasthan Rajya Vidyut Prasaran Nigam Ltd (RRVPNL). The concession period of these projects is 25 years, including the construction phase. The projects include 366 km of 400 KV transmission lines with two power substations based at Alwar and Deedwana.

Maru Transmission Service Company Limited (MTSCL)

Operational 400 kV S/C Bikaner – Deedwana Transmission Line which is 129 Km long; 400 kV S/C Ajmer– Deedwana Transmission Line, 106 Km; 220 kV D/C Sujangarh – Deedwana Transmission Line, 30 Km and 2x315 MVA 400/220 kV grid sub-station at Deedwana and other associated works in Rajasthan State. The 270 km long Maru transmission lines project was commissioned and charged on October 9, 2013.

Aravali Transmission Service Company Limited (ATSCL)

Operational 400 kv S/C Hinduan – Alwar transmission line (85 km) and 2 × 315 MVA 400/220 kV grid substation at Alwar and other associated works in Rajasthan State. The 96 km long Aravali transmission lines project was commissioned and charged on 31st July 2014.

Future Projects

GMR Energy will also develop two dedicated transmission lines of total 276.9 km length associated with Nepal HEPs connecting Nepal and Northern region of India for evacuation of power to India. GMR Energy is developing the transmission line projects in Nepal for which necessary Survey Licenses have been granted by Government of Nepal to these Nepal SPVs. These lines will interconnect with the Indian Grid for evacuation of power. For Upper Marsyangdi – 2 HEP, the transmission line is 201 km in length, whereas in case of Upper Karnali HEP transmission line is 79.5 km in length under the Nepal leg. Each of these transmission lines will be commissioned three to six months before commissioning of the respective power generation project. Many Indian States will benefit from these projects.



International Coal Assets

GMR Energy acquired a 100% equity stake in PT Barasentosa Lestari (PTBSL), Indonesia in September 2008 which has 2 coal blocks namely South block and North block in South Sumatra Province. The estimated reserves and resources are 282 million tons and 652 million tons in a concession area of about 24,000 Ha. Coal production is expected to begin in the year 2015, which will gradually increase from 1 Million Tonnes PerAnnum (MTPA) to 2.5 MTPA over 3 years in the south block. The plan is to export coal to India to meet the domestic fuel supply gap and also trade the coal through our coal trading arm.

GMR Energy through its subsidiary GMR Coal Resources Pte Limited, Singapore acquired 30% equity stake in PT Golden Energy Mines Tbk (PT GEMS) in 2011. PT GEMS is engaged in the exploration, mining and marketing of thermal coal sourced from its coal mining concession areas covering 38,165 hectares in South and Central Kalimantan and Jambi (a province in Sumatra), Indonesia. PT GEMS owns the right to mine more than 2.1 billion tonnes of thermal coal resources, with coal reserves of about 640 million tonnes. PT GEMS has sold 9 million tonnes of coal in 2014 from its own mines production and trading.



CSR Activities



Health, Hygiene & Sanitation

Provided drinking water to 5 villages and R&R colony, Regular health care camps conducted throughout the year



Empowerment & Livelihood

Tailoring, dairy, horticulture skills are imparted to women and youth in order to enhance women empowerment and livelihood



Community Development

Providing support for increasing social awareness and cultural development



Domestic Coal Assets

GMR has acquired two coal blocks through the transparent e-auction and bidding process in early 2015. Talabira 1 in Sambalpur district in Odisha and Ganeshpur in Jharkhand. With this, the 2 X 685 MW Chhattisgarh power project as well as GMR Energy have been infused with a new lease of life.

Talabira 1 – This is an open cast mine situated in Sambalpur district in Orissa, with estimated reserves of 9 Million tonnes. The extracted coal will be transported to the nearest railway station Lapange by road and then to GCEL by rail. This mine is especially advantageous because, it has the lowest strip ratio among all Schedule II mines and an extremely low operating cost and the distance from GCEL is not too much.

Ganeshpur – This is an open cast mine located in Latehar district in Jharkhand with estimated reserves of 92 Million tonnes. The coal from this mine has a high calorific content of 4,000 – 4,300 Kcal/Kg. the mine will be ready for production by FY 17 and so will the adjoining freight corridor, which will in turn facilitate transportation to the GCEL plant in Chhattisgarh.



Power Trading

GMR Energy Trading Limited was incorporated to carry out the business of power trading in 2008

GMR Energy Trading Limited (GMRETL) is one of the leading energy trading companies with pan India presence having Category-1 license issued by Central Electricity Regulatory Commission (CERC)

GMRETL is having head office at New Delhi with 24x7 well equipped Control room. It has regional offices at Mumbai and Hyderabad for Business Development and to provide prompt services to customers

GMRETL is having Trading and Clearing Membership of both operational exchanges, Indian Energy Exchange (IEX) and Power Exchange India Limited (PXIL). GMRETL has exclusive tie up for sale of power from GMR group's generating assets located all across India with presence in South, West, East and North Region

Key Market Segments:

1. Sale/Purchase under short term and medium term under bilateral tie up
2. Sale/Purchase through power exchange
3. Arranging banking/swapping arrangements
4. Renewable Energy & RECs

Key Customers:

1. IPPs
2. CPPs
3. RE Generators
4. Industrial & Commercial Consumers
5. State Utilities
6. Private Discoms

GMRETL has traded with various State electricity utilities such as Rajasthan, Haryana, Uttar Pradesh, Punjab, Maharashtra, Andhra Pradesh, Tamil Nadu, Kerala, Karnataka, etc. including Union Territories (UT) in India, along with private Discoms of Delhi, Mumbai and Noida. Currently it has industrial client base of over 100 consumers all over India.

GMR ETL has established & maintains excellent relationship with its stakeholders. It provides Customer Relationship Manager (CRM), dedicated for every customer to address concerns on priority along with escalation mechanism. GMRETL also offers market insights, techno-commercial advisory / consultancy services to various developers & consumers in conventional and non-conventional (solar & non-solar) energy.

Sustainability

Sustainable development is integral to GMR's business model. Our core objective is to provide low-cost, reliable, increasingly clean energy in safe and sustainable ways to our customers. GMR Energy believes that addressing the challenges of the future rests on the Triple bottom line approach of Sustainability. We understand that long term sustainability can be achieved by reducing environmental footprint and increasing economic as well as community development footprint.

We ensure transparency and accountability of our practices. We conducted a materiality assessment to deepen our understanding of our economic, environmental and social impacts. We present our values and disclose our economic, environmental & social performance through our Sustainability Report.

We published our first Corporate Sustainability Report in the year 2014. Since then, Sustainability Report is released annually in accordance with the Global Reporting Initiative (GRI) G4 Guidelines and is externally assured. GMR Energy FY14 Corporate Sustainability Report, externally assured by Ernst & Young

is compliant with

- GRI G4 guidelines, in accordance with the 'Core' option
- Electric Utilities Sector Supplement' of GRI

and is also aligned to

- National Voluntary Guidelines (NVG) of Ministry of Corporate Affairs, India
- Business Responsibility Report (BRR) required by Securities and Exchange Board of India (SEBI), India
- Millennium Development Goals (MDG) of the United Nations
- Performance Standards on Environmental & Social Sustainability of International Finance Corporation (IFC)

Environment, Health & Safety

We aim to generate energy through optimized utilisation of resources to minimise effect on environment. We also have state-of-the-art technologies and environment protection facilities at all our facilities for minimizing impact on the Environment. We strive to reduce our carbon footprint through technology change, improving energy efficiency and switching to different renewable energy sources.

- Water stewardship through continuously optimizing water consumption through process modification, recycling, adoption of new technologies and rain water capturing / harvesting at our plants, which helps recharge ground water.



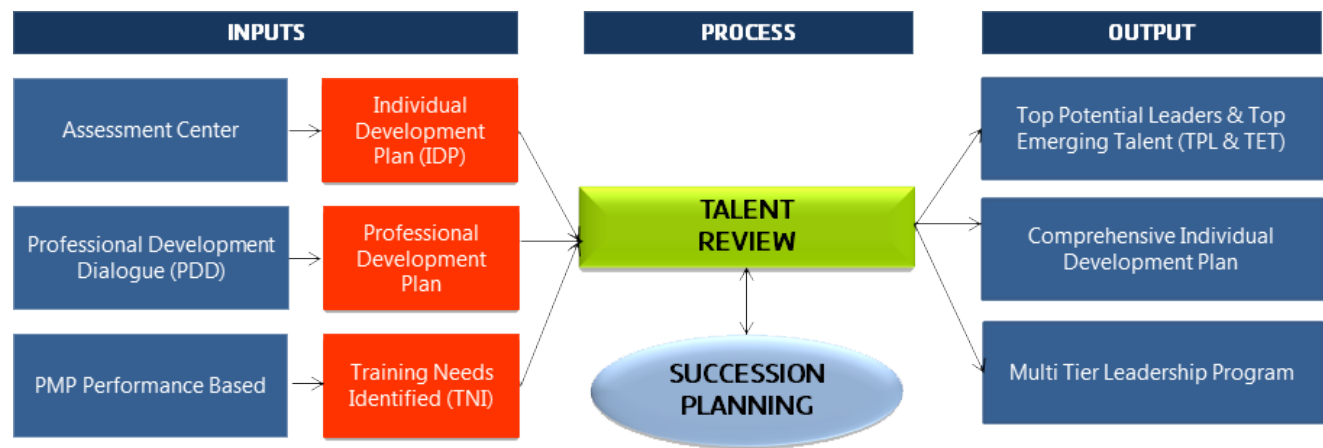
- All manufacturing facilities have adopted a zero discharge strategy
- Strategic efforts facilitating better fly ash utilization
- Recycle, recovery and safe disposal of solid and hazardous wastes



Continuous Stack Emission Monitoring Systems are installed at stacks of all operating power plants. The real time environmental data connectivity has also been established with web-server of State Pollution Control Boards. All environmental parameters are monitored and analysed at regular intervals through third party MoEF / SPCB recognised Environmental Laboratories.

As a responsible and employee friendly organisation, we ensure workplace safety of our employees and it is of prime importance to us to continuously harness to adopt best available safety systems at our plant and project sites. We practice strict compliance to statutory requirement related to employee safety concerns and there are policies and systems devised with an objective of protecting human rights at workplace for all our employees. All units at GMR Energy are ISO 9001:QMS, ISO 14001 :EMS and OHSAS 18001 certified.

Talent Management



GMR Energy realizes the need to substantially build upon the Organization and Human capabilities by developing a strong talent pipeline. Keeping in view the current & future manpower requirement in the Power Sector, it is imperative to decide on: Supply and Demand for Talent.

The corner stone of the talent management process lies in the seven Values & Beliefs of the GMR Group. The essence of these Values & Beliefs combined with clear focus on developing spirituality in employees forms the core of the talent management in the organisation.

Talent Management Process aims at identifying successors and talented individuals for Leadership Roles in the Group. It also focuses on identification, development and deployment of employees within the Group to enhance retention of key talent and also to prepare leaders with a variety of knowledge and cross functional skills.

Employee Engagement



GMR Energy strongly believes in engaging and retaining employees with a long term perspective. Based on the Gallup Q12 survey, the EE initiatives in GMR Energy are aligned to major pillars of Employee Engagement, Alignment, Motivation, Involvement, Development & Leadership Engagement. Numerous EE initiatives are calendared annually and are being undertaken at Corporate/SBU/Plant/Project levels to recognize and keep employees motivated. Opportunities for two way open communications are provided through Skip Level Meetings ; New Manager Assimilations; Town Hall Meetings; Staff Meetings; Periodical meetings with Seniors Leaders and quarterly newsletters from Business Chairman. The performance management system provides for building a strong performance based culture within the organisation. Robust rewards & recognitions schemes contribute to building a highly engaged workforce. Spot Awards; Idea Factory; Star of the Month, etc. are few of the R&R schemes in vogue in the organisation.

Leadership Development



GMR has a multitier leadership development program based on the 4 pillars of competency framework.

1. Lead Self;
2. Lead Others;
3. Lead Business;
4. Lead Change.

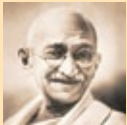
There are 11 competencies identified under these four pillars and the entire process of creating future leaders is based on this framework.

A unique multitier leadership program based on the above competency framework ensures that high potential employees are systematically identified across all levels. Tailor made leadership development programs in association with premier academic and research institutes ensures leadership pipeline. Cross functional teams and special assignments with rigorous monitoring for Hi-POTs in the organisation ensures development of future leaders. Coaching is also used as a tool for leadership development and organisation focuses on developing internal coaches who would take up coaching assignments for high potential employees. The Virtual Management Development programs provide huge opportunities to employees to undertake online development program which are identified in discussion with senior leaders.

OUR VISION

“GMR Group will be an institution in perpetuity that will build entrepreneurial organizations making a difference to society through creation of value.”

OUR VALUES & BELIEFS



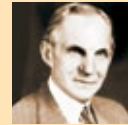
Humility

We value intellectual modesty and detest false pride and arrogance



Learning

Nurturing active curiosity – to question, share and improve



Entrepreneurship

We seek opportunities – they are everywhere



Social responsibility

Anticipating and meeting relevant and emerging needs of society



Teamwork and relationships

Going beyond the individual, encouraging boundaryless behaviour



Respect for individual

We will treat others with dignity, sensitivity and honour

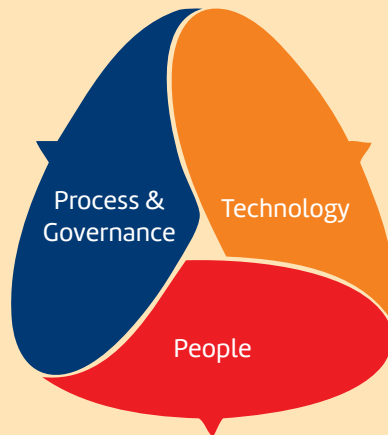


Deliver the promise

We value a deep sense of responsibility and self discipline, to meet and surpass commitments made

INSTITUTION BUILDING

- Family Governance guided by Family Constitution
- Management Assurance , Ethics, Governance Council
- Group Performance Advisory Council (GPAC)
- Business Excellence
- Strategy & Risk Management
- Corporate Centre of Excellence for Procurement, HR, Legal



- Vision, Values & Beliefs
- Leadership Development and Talent Management
- Empowered Organization

- Centralized infrastructure and ERP with real-time intelligence
- Business automation with real-time war rooms, toll monitoring, video audits, laser mapping
- Process automation through ERP and an e-enabled shared services organization for back-office transactions

AWARDS & RECOGNITION

Although we take great pride in the certifications and awards that we win, we keep ourselves grounded by treating these awards and recognitions as milestones; milestones that tell us how far we have come and how far we need to go to achieve our long-term goal.

All operating units of GMR Energy hold the following valid certifications:

1. ISO 14001: Environment Management Systems
2. OHSAS 18001: Occupational Health & Safety Management Systems
3. ISO 9001: Quality Management System

Additionally, GPCL, Chennai also hold ISO-50001: Energy Management System and SA-8000: Social Accountability certifications.

2015

- Warora Energy - Good Green Governance Award 2015 in Infra - Utility II Category towards, constituted by SRISTI (Society for Research and Initiatives for Sustainable Technologies and Institutions), New Delhi.
 - » Golden Peacock Award for "Occupational Health & Safety" instituted by "Institute of Directors"
 - » Greentech Excellence Gold Award for "Occupational Health, Safety & Fire" instituted by GREENTECH Foundation
- GMR Kamalanga Energy Limited (GKEL) emerged as winner of the Best CSR Practices Award-2015 for undertaking transformational women empowerment activities among communities residing in the neighborhood of its 1050 MW thermal power plant at Kamalanga in Dhenkanal District.
- GMR Energy was felicitated for its extensive contribution to power production and generation capacity in India, during the 2nd Annual Economic Times Power Focus Meet.
- 5 S Sustenance Award and 5 S Model Company Award for Operational Efficiency, Housekeeping presented by ABOK AOTS DOSAKAI, Tamil Nadu Centre, Chennai to GVPGL, Vemagiri, Andhra Pradesh. GMR has won this award 4 years consecutively.

2011

- Environmental Best Practices Award- Confederation of Indian Industries (CII), Southern Region - GVPGL, Vemagiri, Andhra Pradesh

2010

- CNBC-TV18 India Business Leader Award 6th Edition
- Efficiency National Energy Conservation Union Ministry of Power, Govt. of India awarded to GVPGL, Vemagiri, Andhra Pradesh
- Leadership and Excellence Award in Safety, Health & Environment - CII Southern Region - GMR ENERGY LIMITED, Kakinada Andhra Pradesh

2009

- TERI Corporate Award for CSR - ERP given by TERI to GMR Corporate

2008

- One of the Top 25 Companies adopting Good Corporate Governance practices in India presented to Corporate (GIL) by Institute of Company Secretaries of India (ICSI)
- SAP Awards for Customer Excellence for best GRC Implementation Award awarded to GMR corporate

2007

- National Water Management System for Excellent Water Efficiency Unit presented to GEL, Kakinada, Andhra Pradesh

2006

- 5 S Housekeeping Excellence Award - CII Southern Region presented to GEL, Kakinada, Andhra Pradesh

1999

- MS Swaminathan Environment Award - GPCL, Chennai

2014

- Best CSR Practice Award -Think Media Inc - GCEL, Tilda, Chhattisgarh
- 3rd Amity Cup Cricket Tournament Regional Association of Industries, Angul & Dhenkanal districts, Odisha - GKEL, Kamalanga, Odisha.
- Good Green Governance by Srishti Publications presented to GMR Warora Energy

2013

- All-Round Development of Periphery Villages award by Institute of Quality & Environmental Management Services (P) Ltd and Rotary Club of Bhubaneswar Heritage, Odisha GKEL to GKEL, Kamalanga, Odisha
- Kamalanga, Odisha - Best CSR Practices Award Think Media Inc

2012

- Solar Power Project Developer Appreciation Government of Gujarat, Ministry of Energy & Petrochemicals- Gujarat Solar Power Plant
- Green Award -Govt. of Tamil Nadu - GPCL, Chennai



Airports



Energy



Transportation



Urban Infra



Foundation

www.gmrgroup.in



GMR ENERGY

Corporate Office:

New Shakti Bhawan
New Udaan Bhawan Complex
Near Terminal 3, IGI Airport, New Delhi-110037