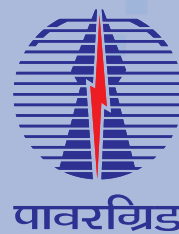




बढ़ते कदम...



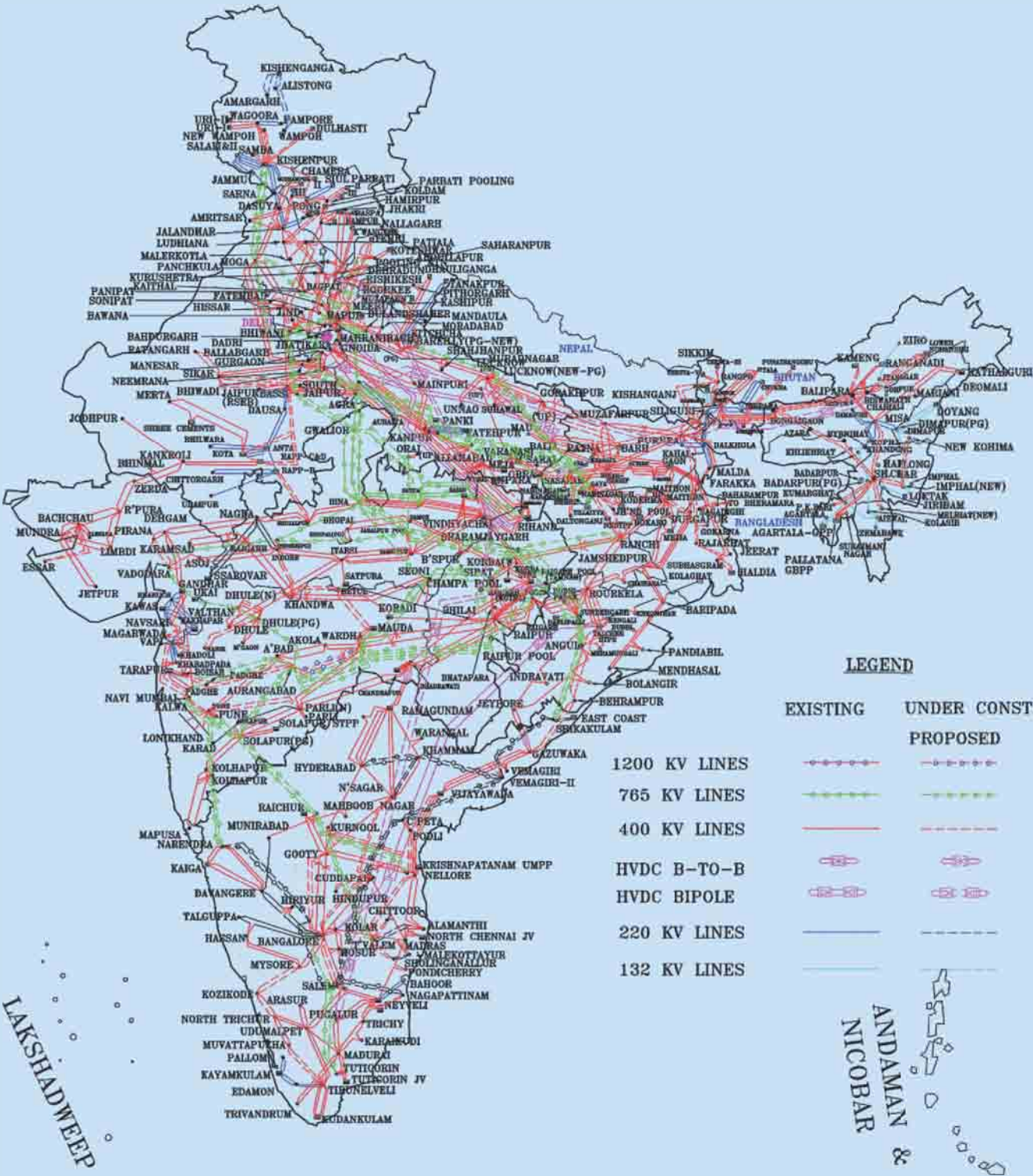
# Transmitting *Smiles*

**The CSR & Sustainability odyssey of POWERGRID  
2012-13**



# POWER MAP OF INDIA

## POWERGRID Lines



## Chairman & Managing Directors' Message



It is a moment of great pride for me to present the Annual report on CSR activities of the Corporation for the year 2012-13. We began on the journey when we first evolved our Environmental and Social Policy & Procedures (ESPP) back in the year 1998. We have come a long way since then. Today CSR is deeply ingrained in the ethos of the organization and is enmeshed with our business activities and value creation.

We, as one of the largest transmission utility in the world and being a technology leader, are of firm belief that the relentless, single-minded pursuit of profit is endangering the planet and its people. Thus, we have a definite responsibility towards all stakeholders including people of the communities in which we operate.

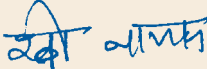
On the one hand, we continuously strive upon to minimize impact of our business on the environment and community and on the other we take up proactive measures in the fields of community development & environmental sustainability. This report aims to provide

a glimpse of the various CSR & Sustainability initiatives undertaken by us during the previous year towards the inclusive socio-economic development of the community and environment. During 2012-13, we implemented 440 projects costing Rs.21.75 Crore in the areas of infrastructure development, livelihood, capacity building, health, environment etc. A major portion of our CSR initiatives have been focused on the socio-economic developments in and around our areas of operations. POWERGRID is leveraging its pan India presence and is working closely with various government entities and Panchayati Raj Institutions on strategic CSR initiatives to deliver benefits for the society at large.

Department of Public Enterprises revised its guidelines on CSR & Sustainability, effective from 1st April 2013. POWERGRID has adopted revised Policy on CSR & Sustainability and also an organizational structure as per the revised guidelines keeping its vision of ensuring sustainable and inclusive development of the society and environment.

The enactment of Company Act 2013 has led to greater expectations and responsibility on companies to demonstrate meaningful contributions towards society & environment. Towards this direction, POWERGRID is gearing up to unveil few mega projects, which will create an impact on the society and bring about a perceptible difference to the lives of people.

I take this opportunity to call upon one and all to join hands and make a difference towards our endeavor for an equitable & sustainable society and environment.

  
(R.N. Nayak)



# Guiding Principles of POWERGRID

## Vision

“World Class, Integrated, Global Transmission Company with Dominant Leadership in Emerging Power Markets Ensuring Reliability, Safety & Economy”

## Mission

- ◆ POWERGRID will become a Global Transmission Company with Dominant Leadership in Emerging Power Markets with World Class Capabilities by:
- ◆ **World Class:** Setting superior standards in capital project management and operations for the industry and ourselves
- ◆ **Global:** Leveraging capabilities to consistently generate maximum value for all stakeholders in India and in emerging and growing economies.
- ◆ Inspiring, nurturing and empowering the next generation of professionals.
- ◆ Achieving continuous improvements through innovation and state of the art technology.
- ◆ Committing to highest standards in health, safety, security and environment.

## Objectives

- ◆ To undertake transmission of electric power through Inter-State Transmission System.
- ◆ To discharge all functions of planning and coordination relating to Inter-State Transmission System with-
  - State Transmission Utilities
  - Central Government
  - State Government
  - Generating Companies
  - Regional Power Committees
  - Authority
  - Licensees
  - Any other person notified by the Central Government in this behalf.
- ◆ To ensure development of an efficient, coordinated and economical system of inter-state transmission lines for smooth flow of electricity from generating stations to the load centres.
- ◆ Efficient Operation and Maintenance of Transmission Systems.
- ◆ To provide assistance to restore power in the event of any natural disasters like super-cyclone, flood etc. through deployment of Emergency Restoration Systems.
- ◆ To provide consultancy services at National and International levels in transmission sector based on the in-house expertise developed by the organization.
- ◆ To participate in long distance Tele-communication business ventures.
- ◆ To ensure principles of Reliability, Security and Economy matched with the rising / desirable expectation of a cleaner, safer, healthier Environment of people, both affected and benefited by its activities.



## Overview of POWERGRID

- Incorporated in 1989 for inter-State transmission of Power in India.
- A listed company in India with 69.42% shares owned by Government of India and the rest by public (as on 30.11.2013), which will change to 57.89% (As on 31.12.2013) while the balance will be held by public.
- One of the Largest Transmission Utilities in the world and Central Transmission Utility of India
- Carries more than 51% of India's total power generated
- Executed projects worth more than US\$5 billion funded by multilateral funding agencies viz. The WB, ADB, JBIC etc.
- Leading consultant in the emerging economies of Asia, Africa & CIS
- Conferred prestigious “Navratna” Status by Govt. of India
- 1st Power Utility & 2nd Company in the world to get certified to Publicly Available Specification (PAS) 9001:2008, ISO 14001:2004 and OHSAS 18001:2007.

**Total Fixed Assets**  
**INR 80,600 Cr**

**Turnover**  
**INR 13,329 Cr**

**Net Profit**  
**INR 4,235 Cr**

**Man Power**  
**9,347 Nos.**

(As on March, 2013)

**Transmission Lines**  
102604 Ckm  
Inter Regional capacity  
31,850 MW

**Substation & MVA**  
173 nos. (48 remotely operated)  
179,323 MVA

**Operating Parameters**  
Availability 99.91%  
Reliability 0.39  
trippings/ line

**Telecom**  
~ 30,000 kms fibre optic  
network  
NKN & NOFN implementation

**Grid Management**  
Administering REC  
Mechanism  
Sub-Hourly Market

**Innovations**  
Technology (1200 kV)  
Market Design (Grid Mgr.)

(As on 30th November, 2013)

## Corporate Social Responsibility.....

POWERGRID has been doing Corporate Social Responsibility activities in different locations across India on a continuous basis primarily to ensure Socio-Economic development of weaker sections of society and for overall conservation of Environment and improvement of Ecological imbalance.

POWERGRID's commitment towards Social Responsibility is also amply reflected in its already adopted Integrated Management Policy, Environment and Social Policy & Procedures (ESPP), Rehabilitation Action Plan (RAP), Corporate Objectives, OHSAS-18001 and Social Accounting

SA-18000-2001. Corporate Social Responsibility is primarily to show case POWERGRID's abiding commitment and concern to pay-back to the society and environment for the benefits we have reaped so far.

POWERGRID Scheme of CSR addresses the issue of “Community Development” primarily in the neighbourhood areas around its areas of operations. It also addresses the Socio-Economic issues at National Level like employment, culture, conservation, environment and natural calamity & disasters etc.

## Aims & Objectives of Community Development

- To undertake Community development in the neighbourhood localities of its substations/offices in the areas of environment, healthcare, livelihood and education for social and economic upliftment of needy section of Society.
- To create appropriate partnership with the external agencies for the effective delivery of community development activities through consultation and participation.
- To extend assistance to agencies engaged in promotion of education, sports, art & culture, conservation of ecological balance, national monument and heritage
- To provide appropriate assistance and send volunteers and resources for relief and restoration at the times of national calamities.

### Mission Statement on CSR

“POWERGRID as a responsible Corporate Citizen shall promote Community Development with focus area on Education, Health-care & Infrastructure development and Support Ecology Environment Conservation and Disaster Relief in the country.”

A beginning was made in the field of CSR by POWERGRID in 2009 by adopting its policy on CSR and allocating 0.75% of PAT of 2008-09 as CSR budget. Subsequently effective FY 2010-11, the CSR budget was revised to 1% of PAT of previous year for undertaking various CSR initiatives for the inclusive socio-economic growth and Empowerment of Communities; Capacity building; Environment protection; Promotion of green and energy efficient technologies; Development of backward regions and Upliftment of marginalized and under-privileged sections of the society. So far more than thousand projects have been undertaken under the CSR

initiatives of POWERGRID since beginning. The MoU targets for CSR for the Corporation are being set annually with the Ministry of Power with effect from 2010-11 onwards. The Corporation has consistently surpassed the targets.

Transmission lines projects are environmentally clean and do not involve any disposal of waste, effluents and hazardous substances on land, air and water and therefore, transmission projects have been kept out of the purview of EIA Notification 2006. However, POWERGRID as a responsible corporate entity realizes its obligations and commits itself to the goal of Sustainable Development.







By virtue of its nature of its operational activities, POWERGRID has its presence across the length and breadth of the entire country and thus its CSR & Sustainability footprints are spread over a wide geographical area. Accordingly, large numbers of CSR & Sustainability initiatives, focusing on such stakeholders, primarily in and around its area of operations, are undertaken in various locations across the country for the Inclusive socio-economic growth and Empowerment of Communities; Capacity building; Environment protection; Promotion of green and energy efficient technologies; Development of backward regions and Upliftment of marginalized and under-privileged sections of the society.

Conservation of natural resources and efforts to reduce Right of Way (ROW) by increasing the power transfer capacity, i.e. mega watt per meter of right-of-way is an integral part of Corporation's sustainability strategy. The specific consumption of raw materials in our business have been reduced over the years through technological innovation using high capacity transmission lines, i.e. 765 kV D/C,  $\pm 800$  kV HVDC, 1200 kV UHV AC and multi circuit high Temperature low sag Conductor System for bulk power transmission.

POWERGRID has constantly strived to optimize route alignment of the transmission corridors utilizing technological advancements with specific emphasis on avoidance of Forest, National

Parks/Wildlife Sanctuaries and other ecologically sensitive and biologically diverse areas. Reduction in involvement of forest area has been achieved progressively from 6% in 1998 to 0.8 % in 2013. Complete avoidance of Great Indian Bustard Sanctuary in 765 kV Indore-Dahod D/C Transmission Line and Achanakmar-Amarkantak Biosphere Reserve in 765 kV Dharmanjaygarh-Jabalpur D/C Transmission Line are the testimony of POWERGRID's commitment to environment/sustainability.

In order to reduce carbon footprint, POWERGRID's NTAMC building at Manesar complex and 400 kV S/S Yehlanka (Near Bangalore) including regional headquarter and township are being designed and constructed following the norms of Green Building of Green Rating for Integrated Habitat Assessment (GRIHA).

POWERGRID was the first Company in power sector to come out with 'Sustainability Report', providing a clear picture of our contributions towards sustainable development to all our stakeholders. The company publishes its Sustainability report biennially. The last Sustainability Report was published in March 2013. The achievements under CSR & Sustainability are also reported in Annual Reports.



## CSR & Sustainability Practice & Strategies

### Key Challenges & Opportunities

POWERGRID as responsible Corporate Citizen promotes Community Development with focus on Education, Livelihood, Health-care & Infrastructure development and Support Ecology & Environment Conservation and Disaster Relief in the country. While taking up CSR activities, POWERGRID focus is on such stakeholders, who are affected by its business activities i.e. persons living in the neighborhood of its substations and transmission lines.



POWERGRID acknowledges the paramount importance of having a proper need assessment of its stakeholders. Thus in case of new projects, POWERGRID undertakes socio-economic survey for preparation of Social Assessment and Management Plan (SAMP) for the area affected by the possession of land for construction of substation through an independent consultant. In addition to finalizing Rehabilitation Action Plan (RAP) based on the SAMP and discussions with the project affected people, POWERGRID also identify the areas of concern and requirement of infrastructure, skill development etc. for the overall development of area and its habitants. The activities not covered under Rehabilitation & Resettlement activities (R&R) are taken up for implementation under CSR & Sustainability activities. For smaller projects and depending on the viability of the project, need assessments conducted in-house are the basis of selection of activities under CSR & Sustainability. Further, recommendations of State/district administration / Panchayati Raj Institutions and other stakeholders are also considered for undertaking activities/projects under CSR & Sustainability activities. After identifying the requirement of the community, a project proposal is prepared indicating the need for community development activity, time-frame, action plan,

budget requirement etc. to be implemented as in project mode.

POWERGRID in its ethos does not desire to be 'Island of Prosperity' in under-developed / undeveloped regions where it operates, where socio-economic disparities are quite visible and needs urgent attention. Thus therein lies an opportunity to ingrain the CSR into the DNA of the organization since a tremendous social responsibility comes with being a successful public performer. POWERGRID being a leader in the area of power transmission business and an active member of the society, responds to the needs of the society. POWERGRID in its humble endeavor attempts to form a workable solution to diverse needs, and thus creating value for distribution among members of society.

POWERGRID by nature of its business is blessed with an opportunity to undertake CSR & Sustainability activities due to its presence in very large areas of the country. By virtue of its business, it is also blessed with an opportunity which generates intense interaction with the community at large due to outdoor nature of activities, which develops insight into the nature of requirement of the society and its needs.

A challenge exists for POWERGRID to integrate its CSR & Sustainability strategy into the business strategy of an organization for a win-win sustainable situation for all concerned. In line with this challenge, POWERGRID has taken various initiatives proactively to undertake CSR activities which are beyond the jurisdiction of R&R sphere. CSR & sustainability function has now become a strategic function in POWERGRID. In line with its central theme of "Transmitting smiles" the challenge before POWERGRID is thus to constantly evolve ways and means to bring smiles into the faces of a large section of the population primarily residing in and around its areas of operation.





## Stakeholders Engagement

A business does not exist in isolation. It relies on a multitude of relationships with stakeholders. The underlying idea of partnerships between businesses and other sectors drives sustainable development and enhancement of social capital. It has been noticed that stakeholder engagement can improve business performance. A clear trend towards cross-sector collaboration and stakeholder dialogues is evident and movement towards a convergence of values and shared value creation, for expanding the total pool of social and economic value, is gradually becoming the norm. The challenge is for engagement of the stakeholders to make CSR & Sustainability meaningful.

POWERGRID is tapping into these trends and understand the interdependence between societal and company performance. It has been realized that keeping good relationships with stakeholders have a beneficial effect, not just on reputation but also on actual project results.

POWERGRID looks at CSR & Sustainability as an integral part of its business proposition integrating the stakeholders and the environment that supports it.

In POWERGRID stakeholder engagement comprises of formal and informal ways of staying connected to



the parties who have an actual or potential interest in or effect on its business through various public consultations. Engagement implies understanding their views and taking them into consideration, being accountable to them when accountability is called for, and using the information gleaned from them to drive solutions.

In the CSR & Sustainability projects of POWERGRID, stakeholder engagement spans a continuum of interaction that reflects the degree of influence stakeholders have in decision making. Stakeholders are deeply involved in various stages, in varying degrees of consultation and participation, in the implementation process to make the process transparent and democratic.



## CSR activities at a glance

CSR & Sustainability is an integral part of the normal business activity of POWERGRID. POWERGRID undertakes CSR activities primarily in the thrust areas of Infrastructure development, Capacity Building, Health, Education, Ecology & Environment. The primary focus of the CSR initiatives are the stakeholders, primarily belonging to places around its areas of operations. In the field of sustainability, activities in the areas of plantation & installation of solar lights are taken up. Additionally, uses of renewal energy, rain water harvesting, energy efficient lighting and green building norms have been adopted within the company.



A major portion of the CSR initiative was in the development of physical infrastructure in which a sum of 10.47 Cr. was spent on 152 projects towards creation of physical infrastructure primarily in villages surrounding POWERGRID establishment.

Recognising that unemployability, rather than unemployment, is one of the major problems for the youth in rural & semi-urban areas, POWERGRID has sought to address the issue through various vocational trainings for women & unemployed youths. A total of 131 such programmes were conducted during the year entailing an expenditure of Rs.2.76 Cr. More than 3200 persons were benefitted during this period.

Significant investment was made by POWERGRID to strengthen community health care by way of providing medical equipments and conducting

community health camps. A total of 140 projects were undertaken during the year entailing an expenditure of Rs.2.08 Cr.

Considering education as a powerful tool, 19 projects entailing an expenditure of Rs.1.10 Cr were made during this period. More than 1 lakhs saplings were planted at various locations in the country. Besides this, more than 350 nos. of solar street lights were also installed in various parts of the country. An amount of Rs.1.38 Cr. was spent on this account.

In other notable activities, various machines and tools were installed in the workshops of different ITIs, with the objective to strengthen the hands on skills of budding technicians. In the field of communication, 2 Mbps internet broadband connectivity was extended to four Gram Panchayats in the states of Maharashtra, Odisha and Assam, with a motive to reduce the digital divide and to empower the rural population. The internet connectivity has proved to be very useful to the villagers in Indira Awaas Yojana & MNREGA schemes, e-health & e-education services, access to various on-line services, and weather & agriculture related information etc. besides getting benefits from access to global information and quick & reliable access to various Government Schemes. While extending out its helping hand to the physically challenged persons 52 numbers of tricycles were provided to such individuals to facilitate their mobility.



## Capacity Building Initiatives

POWERGRID understanding the capacity constraints of various cross-sections of the society and with a view to alleviate the unemployment problem amongst the rural youth, vocational trainings for women & unemployed youth were conducted in the fields of tailoring, embroidery, automobile repairing & servicing, handloom weaving, food & fruit processing, repairing of household appliances, etc. These initiatives covered the cost of training, guidance and overall support for employment / self-employment, thereby facilitating the socio-economic empowerment of a large number of families. During FY 2012-13 around 130 such CSR projects were undertaken in various parts of the country. Majority of the beneficiaries belong to SC/ST/Backward and other deprived section of the society.



One of the major program conducted in the areas of transmission line tower erection & stringing is being conducted at Kancheepuram, Nagpur and POWERGRID, Salakati S/S in partnership with leading construction agencies for training unemployed youth from villages nearby POWERGRID's establishments. Thus POWERGRID is achieving twin objective of creating a pool of skilled manpower mitigating shortage of skill workforce for construction of its mega transmission lines and substations, as well as creating avenues for the employment of youth. 258 persons from various parts of the country were trained during the year. All the trained youths have got suitable employment. This endeavour reflects our forward integration approach towards long term sustainability, as contained in DPE's guidelines on CSR.







Through t







## he Lenses





## Ecological & Environmental Initiatives .....

POWERGRID has imbibed environmental protection in its ethos and its efforts are directed towards reducing its environmental footprint and greening the environment. As a result of this ideology POWERGRID embarks on plantation in various parts of the country.

POWERGRID, in its modest efforts to ensure ecological balance and protection of environment, has undertaken plantation of more than 2.5 lakhs saplings till date, including more than 1 lakhs saplings during 2012-13. POWERGRID in its

Under this initiative POWERGRID in association with the State Forest Department, Assam, planted 1 lakh saplings in the degraded forest cover with provision for two years follow up maintenance of the plantation to ensure that the objective of the plantation are accomplished.

To encourage use of renewal energy more than 350 number of solar street lights were installed in remote villages in various states to provide lighting at common places in the villages.



endeavour towards environmental sustainability, has taken up a project of “Regreening of Sonitpur District in Assam”, to regreen the forest cover under Chariduar range of Sonitpur District which has degraded to a large extent during the last few years.



POWERGRID has also been an active member of a consortium involved to make permanent arrangements to aesthetically light up the Vellore Fort (Historical Monument under Department of Archeology), situated in the heart of the historical town of Vellore. The fort being a heritage fort has been illuminated with renewal eco-friendly wind and solar energy source.





## Creation of Infrastructure .....

POWERGRID is strategically poised to undertake various basic infrastructural developmental works in and around its areas of operation, where the governmental initiatives are yet to percolate down. POWERGRID has first-hand knowledge and is an eye witness to the difficulties of the populations, in and around its area of operation, facing on day-to-day basis. Being a responsible corporate citizen



POWERGRID cannot look the other way when its immediate neighbour are in distress and thus in a humble way it makes concerted efforts to make available certain basic infrastructural facilities which are needed by the society. CSR budget of Rs. 10.47 Cr. was utilized towards creating infrastructural facilities during 2012-13.



The majority of the infrastructure projects were undertaken for building roads, community centre, classrooms, tube wells, bore wells, hand pumps, pond, toilets, roads, submersible pumps, culverts, water facilities, sewage drains, etc., which are considered essential for fulfilling various needs of the local community. These facilities have changed



daily life of lakhs of beneficiaries and brought smiles for them.

One of the project was construction of 450 mts drainage in Abishegapatti village. The facility has



proved to be very useful for the villagers and has solved a perennial problem of the village population. The initiative of POWERGRID has been gratefully acknowledged and appreciated by the village folk.



## Health Initiatives .....

Health is a major area of concern for the overall development of the country. As the adages go “Health is Wealth” and “A healthy mind lies in healthy body”. Abject poverty is a major impediment which is denting the efforts of the society to improve its economic conditions. Over a period of time the healthcare cost is increasing. For a good section of



the poverty stricken population undertaking medical treatment has become unaffordable and is therefore weary of undertaking medical treatment due to its adverse impact on the financial condition of the family. The continuance of ill health results in loss of earning since a large number of such poverty stricken population comprises of daily wage earners.

POWERGRID in its humble way undertakes medical checkup preventive initiatives by way of organizing free medical camps wherein medical checkups are undertaken by doctors and regular medicines and pathological tests are undertaken free of cost. It has created an eye opening awareness among the



villagers participating in such camps towards several life threatening diseases and for its remedial measures such as blood pressures, blood sugar, gastro diseases, cataract etc.

It is a fact that, a major portion of the fees for a diagnostic facility is towards the expenditure on the cost of the equipment. In order to reduce the cost of diagnosis POWERGRID provides expensive medical diagnostic equipments. Thus the overall cost of diagnosis reduces since the component of the cost of diagnostic equipment is eliminated from the fees. With this philosophy POWERGRID has provided a number of sophisticated equipments.

Specialized health clinic for providing maternal and child health care services where organised in 15 villages in backward areas of Mewat, Jhajjar and Gurgaon district of Haryana, benefitting around 45,000 villagers, facilities including check-up gynaecologist, blood test, free medicines etc. where provided.



POWERGRID in association with Ambuja Cement Foundation is operating one Mobile Medical Units (MMU) services covering denizens of 23 villages in remote areas of Nalagarh for providing medical facilities at the door step of these rural villages. These villages lack basic medical facilities and MMU operations are of utmost importance in view of the negligible health infrastructure in the area. A total of 6099 patients were diagnosed and treated during the year.

With these humble initiatives POWERGRID makes an effort to bring quality healthcare at the doorsteps of the deprived section of the population.



## Educational Initiatives .....



One of the key components of the universalisation of elementary education in India is the universal provision of facilities in school. The lack of basic infrastructural facilities in various primary schools in and around POWERGRID's areas of operation has been observed. Banking on the fundamental philosophy that there should be adequate facilities in schools to draw the interest of students to attend school and learning properly, POWERGRID in this endeavour is playing an enabler role to develop infrastructural facilities in schools to provide a congenial learning atmosphere by way of construction / renovation of classrooms, providing desk & benches, providing drinking water and sanitation facilities etc.



## Sustainability Initiatives .....

Conservation of the natural resource base and efforts to reduce the material intensity is an integral part of Corporation's Sustainability Strategy. The specific consumption of these raw materials have been reduced over the years through technological innovation using high capacity transmission lines i.e. 765 KV D/C,  $\pm 800$  HVDC for transmitting bulk power. There has been significant amount of savings in Aluminum, Tower Steel, Conductor Steel and

Concrete due to shifting from 400 KV to 765 KV Systems. Similarly, our major impact on natural resources i.e forest has been reduced progressively from 6 % in 1998 to 0.8 % in 2012.

Due to incorporation of the evolving technology the requirement of Right of Way (ROW) vis-à-vis increasing the power transmission capacity of the transmission lines, has been reduced drastically as illustrated in the table given below:

Voltage level	220 kV S/C & D/C	400 kV S/C	400 kV D/C	765 kV S/C	$\pm 500$ HVDC	765 kV D/C	$\pm 800$ HVDC	1200 kV S/C
Right of Way (ROW) (in Mts.)	35	52	46	64	52	67	69	89
Approx MW loading.	130	500	1000	2100	2500	4200	6000	8000
ROW/MW	0.269	0.104	0.046	0.030	0.019	0.016	0.012	0.011



Some of the other Sustainability initiatives of POWERGRID are as given below:

- Manual stringing in thick forests and on slopes, to minimise damage to the environment .
- Extensive application of modern tools like Geographical Information System (GIS) and Global Positioning System (GPS) for selecting the most optimal route of transmission lines.
- Tower base with leg extension and revetments to prevent soil erosion near the towers.
- Specially designed high- rise towers (80m) to reduce impacts on trees, orchard, wildlife wetlands and riverbeds.
- Multi circuit and compact towers to reduce ROW requirement.
- Massive plantations in sub-stations, 2 to 4 acre of land afforested with suitable species of plants in consultation with local forest department in almost all its sub-stations. Though not mandatory, still this activity is undertaken.
- As part of Sustainable Development, POWERGRID has taken the initiative to conserve precious water resources through Rain Water Harvesting system which is now an integral part of every new substation design. Every Substation being constructed now is being provided with rain water harvesting systems.





On the occasion of POWERGRID's raising day, i.e. on 23rd October 2012, a "Waste Paper Recycling" plant was inaugurated by the Chairman & Managing Director, POWERGRID, in the premises of 400/220 kV Substation at Gurgaon having recycling capacity to handle 40-60 kgs of paper daily.

The waste paper generated from POWERGRID Corporate Office is being used as raw material. The recycled paper produced in-house is now utilized for making company's letterheads, visiting cards, envelopes, file / folders, D.O. pads etc. with the aim of reducing cutting trees for manufacture of paper. This initiative shall further reduce our carbon footprints as 1 ton of paper requires cutting of 17 mature trees and about 10 liters of water is needed to produce one A-4 sheet paper.

- Further, POWERGRID is constructing the National Transmission & Asset Management Centre (NTAMC) building in Manesar Substation, Gurgaon as per Green Rating for Integrated Habitat Assessment (GRIHA) norms and has already registered with Association for Development and Research of Sustainable Habitats (ADaRSH) for Green Rating.
- LED bulbs and Solar lights are being provided in new substations to reduce our energy requirement.

## Other notable initiatives.....

POWERGRID in its endeavour to support the disadvantaged section of the society is involved in various initiatives towards this end. POWERGRID extends its support during natural calamities and inclement weather conditions.

POWERGRID extends support to the physically challenged persons and provided them with various



equipment and tools so that they can be self reliant and live with dignity.

One of the activity was distribution of tricycle to 52 nos. of physically challenged persons in various parts of the country. The physically challenged persons were greatly benefitted as a result of this noble endeavour of POWERGRID and may prove to be trigger which they required to be self reliant.

### Initiative taken by POWERGRID Mahila Samiti

POWERGRID Mahila Samiti comprising of female employees and wives of employees plays a pro-active role in various CSR initiative of POWERGRID and also undertakes various philanthropic activities on their own such as donation of playing

equipments, toys, tricycles, stationary items and study materials to school going children besides undertaking site visits for the purpose of monitoring various CSR activities of POWERGRID. Their feedbacks have been very useful for making the activities more beneficial.





## Impact Assessment

Good sanitation is achieved when everyone in a community understands the importance of health through safe excreta disposal, and takes the necessary practical steps to promote good personal hygiene and public health. This includes access to, and consistent use of, a safe and hygienic toilet. Toilets are an important part of achieving good sanitation, but without proper public understanding about why sanitation matters, and what is necessary to achieve good sanitation, toilets are not enough to break the cycle of disease.

POWERGRID as a part of its CSR activities focused on a project of building public toilets near Balipara Substation of Sonitpur District. 25 toilets were built in each of the four villages of Balipara (namely, Morisuti, Dakhin Amloga, Duwayani and Gormara) totaling to 100 toilets.

POWERGRID has been successful to a greater extent in this CSR activity of construction of toilets in individual house. The beneficiaries were generally satisfied with the quality of the construction. Almost everybody use these toilets and they mentioned about reduction of diseases like diarrhea. Though the majority of the beneficiaries had no idea about government's sanitation programme and never derived any benefits out of it, but they are now more sensitive towards cleanliness after this activity of POWERGRID. The responsibility for selection of beneficiary completely rested with the community as POWERGRID did not play any role in selection of beneficiary. It was found that the overall community as well as the beneficiaries has a very favourable attitude towards POWERGRID. They appreciated the good work of the company and were happy about it. POWERGRID in order to develop a good relationship with the community could work for

satisfying the other needs of the community apart from building more toilets. At the same time the aspects related to its maintenance should be kept in mind. All these will help to garner support from the community.



POWERGRID has set up a training centre in its Salakati S/S, Kokrajhar District, Assam, for imparting training to youths in the area of “Transmission Line Tower Erection”. 6 batches have been conducted in the venue so far in which 185 youth belonging to the North Eastern Region have been trained so far. Two other centre are also operational at Nagpur and Kancheepuram in association with M/S KEC International and M/S L&T at their training centres.

From the study it was known that the trainings are adequate to cope up with the challenges of tower erection. It is also effective in terms of modes of delivery. The outcome of the training reflected positively by increase of income, savings, food consumption and asset building of the trainees. Though the trainees did not feel for further training in this area but expressed the need for this kind of training in their localities for other unemployed youths. Overall, the trainees have positive attitude towards the training as well as to the POWERGRID. The trainees also opined that the selection process for trainees is very systematic. The trainees also expressed their satisfaction over the training programme. The stipend amount paid to the trainees during trainee act as an incentive by providing pocket money to the trainees.





## 40 days carpet weaving training for Mamring youth, courtesy Powergrid

## SE Report

GANGTOK, January 3: As part of corporate social responsibility for the finan-

tok (a Division of WEB  
CON Consulting (India)  
Ltd., Kolkata, it is informed  
is to harness the  
potential of  
Mamring GPL

not only offer  
also "

शिविर में 300 लोगों का स्वास्थ्य जांचा

निर्मल ग्राम पंचायत हीरापुर बंधा  
कार्यालय - ग्राम पंचायत हीरापुर बंधा  
जयपुर पंचायत रासपुर (मिर्ठीवा), जिला - जयपुर (रा.प.)  
महोदय राजकुमार शुक्ल  
मो. : 9992002988  
मनोज मेहरा  
मो. : 9634714475  
दिनांक 21/12

प्रशंसा पत्र

[illegible]

## जनपथ समाचार

सिलीगुड़ी 19 फरवरी 2013

## 872 रोगियों का हुआ स्वास्थ्य जांच



**Free health camp at Rar**

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पावर ग्रिड कार्पोरेशन ऑफ इंडिया लिमिटेड  
पूरी क्षेत्र - II, गण्डक  
मुफ्त स्वास्थ्य जाँच शिविर  
कॉन्फर्ट सामाजिक द्रष्टव्य 2012-13  
स्थान - पावरग्रिड गण्डक एन एच कारनाम, जौनपुर  
दिनांक - 24 डिसेंबर 2012 - शिवाग्र  
समय - सुबह 9:30 बजे से सायं 4 बजे तक

SIKANDAR MARWAH

**RANIPPOOL, December 24:** A total of 185 residents enrolled for a

responsibility scheme. According to the Central government, two per cent of the profit is to be spent on a social cause, such as health care, education, infrastructure and capacity building.

the other near  
Power Grid Corpora-  
India Ltd wheels abo  
50% of the total pow  
generated in the countr  
on its transmission net  
work. informed tha

It was informed that East and West India have huge hydroelectric potential, and that through hydroelectric power transmission, North and South India will be more pro-

# नेत्र रोगी होंगे लाभान्वित





## **FOOTPRINT OF CSR INITIATIVES**





पावरग्रिड

## POWER GRID CORPORATION OF INDIA LTD.

(A Govt. of India Enterprise)

### Corporate CSR & Sustainability Cell

"Saudamini", Plot No. 2, Sector 29, Gurgaon (Haryana) - 122001

Tell.: 0124-2571700 - 719

### Registered Office:

B-9, Qutab Institutional Area, Katwaria Sarai, New Delhi-110 016

EPABX: 011-26560112, 26560115

Website: [www.powergridindia.com](http://www.powergridindia.com)

For feedback & suggestions may be sent at [csr@s@powergridindia.com](mailto:csr@s@powergridindia.com)