



# Corporate Social Responsibility (CSR) Activities of NTPC – A Review

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## Abstract

This paper titled “Corporate Social Responsibility (CSR) Activities of NTPC – A Review” studies about the activities of NTPC in the matters of Corporate Social Responsibility. NTPC Limited, formerly known as National Thermal Power Corporation Limited, is an Indian Public Sector Undertakings. It engaged in generation of electricity and allied activities. NTPC's core function is the generation and distribution of electricity to State Electricity Boards in India. CSR activities of NTPC are as per its vision and mission and are beyond boundary prescribed by law as NTPC being public sector undertaking incurred more expenditure than prescribed two percent of three year average profits of the company for CSR activities from the implementation year. NTPC has framed policies to actualize its CSR objectives: 1. Initial Community Development Policy (ICD) - 2009 2. Resettlement and Rehabilitation Policy – 2017 3.CSR & SD Policy – 2016 This revision of CSR policy-2019 is brought out to have a greater strategic orientation with more connect with stakeholders and an outcome centric approach. NTPC CSR efforts are focused on immediate vicinity of its stations/locations. The guiding principles for the design of NTPC CSR activities are Self-Supported and Sustainable During planning and selection, thrust shall be given on long term viability of activities which remain viable upon disengagement at the end of the project period. All CSR activities will have well-defined measures to assess impacts on target groups. For high impact projects, there may be an independent, third-party assessment and feedback will be a key input for redesign and / or rollout of further initiatives. Governance Board level CSR Committee ensures operating system and monitoring mechanism for development and implementation of CSR activities. NTPC undertakes activities in four focus areas as mentioned in section 2(a) of Companies Act 2013. The Focus Areas are Education, Health, Sanitation and Water. The activities mentioned in Schedule-VII, Section 135 of Companies Act are linked with focus areas.

**Key Words:** NTPC, Activities, CSR Activities, Policies, Focus areas etc.

## Introduction

NTPC Limited, formerly known as National Thermal Power Corporation Limited, is an Indian Public Sector Undertakings. It engaged in generation of electricity and allied activities. It is a statutory corporation incorporated under the Companies Act 1956 and is under the ownership of Ministry of Power, Government of India. The headquarters of the company is situated at New Delhi. NTPC's core function is the generation and distribution of electricity to State Electricity Boards in India. The body also undertakes consultancy and turnkey project contracts that involve engineering, project management, construction management, and operation and management of power plants.

The body has also ventured into oil and gas exploration and coal mining activities. It is the largest power company in India with an electric power generating capacity of 67,907 MW. Although the company has approximately 16 percent of the total national capacity, it contributes to over 25 percent of total power generation due to its focus on operating its power plants at higher efficiency levels. (Approximately 80.2 percent against the national Plant Load Factor (PLF) rate of 64.5 percent) NTPC currently produces 25 billion units of electricity per month. NTPC currently operates 55 power stations (24 Coal, 7 combined cycle gas/liquid fuel, 2 Hydro, 1 Wind, and 11 solar projects). Further, it has 9 coal and 1 gas station, owned by joint ventures or subsidiaries. It was founded by Government of India in 1975, which now holds 51.1 percent of its equity shares (after divestment of its stake in 2004, 2010, 2013, 2014, 2016, & 2017) In May 2010, NTPC was conferred Maharatna status by the Union Government of India, one of only four companies to be awarded this status. It is ranked 400th in the Forbes Global 2000 for 2016

## Future Goals of NTPC

The company has developed a long-term plan to become a 128000 MW company by 2032. NTPC Limited is on an expansion spree to meet the power requirements of the country – it has targeted to add 14,058 MW in 12th Plan (from FY13 to FY 17) of which it had already added 4,170 MW in 2012–13, 1835 MW in 2013-14, 1290 MW in 2014-15 and 1150 MW from April 2015 to 30 November 2015. As of 30 November 2015, the company has 23004 MW under construction. NTPC is diversifying its capacity mix with much emphasis on renewable energy. As on 30 November 2015, NTPC has 110 MW Solar PV capacity under operation, 250 MW under construction, and 1260 MW under tendering. The company intends to add 10000 MW of Solar PV capacity in the next five years. On 18 July 2015, NTPC declared commercial its first Hydro Power plant at Koldam in the State of Himachal Pradesh. The company has a long-term plan to reduce its fossil fuel capacity mix to 56 percent by 2032.

NTPC also plans to go global. The public sector company has signed a memorandum of agreement with the Government of Sri Lanka and Ceylon Electricity Board for setting up a 500 MW (2x250) coal-based thermal power plant in the island nation. An MoU has also been signed with Kyushu Electric Power Co. Inc., Japan, for

establishing an alliance for exchange of information and experts from different areas of the business. The company is also in the process of finalizing an MoU with Nigeria for setting up power plants against the allocation of LNG on a long-term basis for NTPC plants in India. NTPC also developing a joint-venture coal-based power plant 1,320 MW (2x660) with Bangladesh Power Development Board known as Bangladesh India Friendship Power Company in Rampal, Bangladesh which is facing tremendous opposition from the people of Bangladesh owing to the plant's dangerously close proximity to the Sundarbans.

NTPC has also been allotted coal blocks namely, Pakri Barwadih, Chatti Bariatu and Kerandari in Jharkhand, Talipalli, Chhattisgarh and Dulanga, Odisha. Except for Pakri Barwadih all other blocks were cancelled by a decision of the Supreme Court of India on 24 September 2014. However, the company was again allotted cancelled block under Section 5 of Coal Mines. (Special Provision Act 2015) Besides these blocks, the Ministry of Coal has according to its press release dated 3 July 2013 allotted four more blocks namely, Banai and Bhalmda in Chhattisgarh, Chandrabila and Kudanli Laburi in Odisha. Two more blocks namely Mandakini- II and Banhardih are expected to be allotted to NTPC soon. All these mines are having estimated geological reserves of 6.7 billion tonnes. NTPC has appointed Mining Cum Development Operator (MDO) for its Pakri Barwadih mine.

As of 31 March 2015, the company had 24,067 employees. The attrition rate for the FY 2014–15, including the trainee employees and employees working for subsidiaries and JVs, was 1.35 percent. Man MW Ratio of the company has fallen from 0.77 in the FY11 to 0.61 in FY 15. NTPC has been awarded continuously as great places to work for in PSUs category. NTPC was ranked 2nd among the 250 largest power producer energy traders in the world by Platts in 2015. On overall basis NTPC was ranked 56th amongst Platts 250 companies. In 2009, it received ICSI National Award for Excellence in Corporate Governance.

## CSR Activities of NTPC

CSR activities of NTPC are as per its vision and mission and are beyond boundary prescribed by law as NTPC being public sector undertaking incurred more expenditure than prescribed two percent of three year average profits of the company for CSR activities from the implementation year.

NTPC has set its vision and mission reflecting NTPC's goal and present work. Vision is "To be the World's Leading Power Company, Energizing India's Growth." Mission is "Provide Reliable Power and Related Solutions in an Economical, Efficient and Environment Friendly Manner, Driven by Innovation and Agility."

Corporate CSR objectives are to deliver business and environmental value through projects which are beneficial for business and larger ecosystem. This is to ensure sustainable power development by ensuring minimal wastage across operations and to actively contribute towards societal development. To lead the sector in the areas of resettlement and rehabilitation and environment protection including effective ash-utilization, peripheral development and energy conservation practices.

NTPC has following policies in place to actualize its CSR objectives: 1. Initial Community Development Policy (ICD) - 2009 2. Resettlement and Rehabilitation Policy – 2017 3.CSR & SD Policy – 2016 This revision of CSR policy-2019 is brought out to have a greater strategic orientation with more connect with stakeholders and an outcome centric approach.

This CSR policy is intended to be in conformity with the provisions of Companies Act 2013 and DPE (Department of Public Enterprises) Guidelines on CSR, if any. However, new provisions shall be specifically incorporated in the policy as applicable from time to time. The purpose of this policy is to make CSR activities aligned so that they are focused on broad areas of Education, Water, Health and Sanitation, bringing maximum value to the society and the organization. This is outcome centric, rather than activity based. These are monitored in terms of impact and opportunity for improvement. The policy is useful in instilling confidence in stakeholders through effective communication. This policy is applicable to all NTPC locations in India through formulation, implementation, monitoring, evaluation, documentation and reporting of CSR activities taken up by NTPC anywhere in India.

NTPC CSR efforts are focused on immediate vicinity of its stations/locations. Geographical area to be considered for CSR activities in each location is broadly within the district where NTPC operates. NTPC may take up CSR activities in areas beyond the district depending on specific requirements like natural calamity, requirements for key communities, type and nature of projects, Government of India directive etc.

The following principles guide the design of NTPC CSR activities: Self-Supported and Sustainable During planning and selection, thrust shall be given on long term viability of activities which remain viable upon disengagement at the end of the project period. This will ensure that communities can operate and maintain the assets and systems created. To adopt appropriate solutions to make the CSR activities more effective, they must be cost efficient and impactful. Priority to be given to projects which will bring long term, sustainable and lasting benefits to the community. In order to fully exploit the core competency and mobilize the resource capabilities in implementation of CSR activities, preference to be given to the CSR models requiring / supporting NTPC's strengths, capabilities and knowledge in a specific area.

All CSR activities will have well-defined measures to assess impacts on target groups. For high impact projects, there may be an independent, third-party assessment and feedback will be a key input for redesign and / or rollout of further initiatives. NITI Aayog and MoSPI have mapped the 17 Sustainable Development Goals (SDGs) in Indian context. NTPC CSR activities shall be suitably aligned to the same. Governance Board level CSR Committee ensures operating system and monitoring mechanism for development and implementation of CSR activities.

CSR committee in NTPC comprises: Director (HR) as Functional Director, Three Independent Directors, and One Govt. Nominee Director. To support the board level committee, NTPC has a Three-tier structure i.e. Corporate, Regional, Station level who are responsible for planning, implementation, monitoring and reporting on CSR projects.

In Three-tier structure at the Corporate level is headed by GM (E8) level or above. And the responsibilities at this level are Policy formulation & MIS Project selection, Budget planning Monitoring & Evaluation, and Capability development of NTPC CSR professionals. At the Region level is headed by AGM (E8) level. The responsibilities are Coordination for state/region level activities and Monitoring & Evaluation for regional level activities. At the Unit Level is headed by AGM (E8) level. They are responsible for Project selection, implementation, Budget planning and MIS

NTPC undertakes activities in four focus areas as mentioned in section 2(a) of Companies Act 2013. The Focus Areas are EDUCATION, HEALTH, SANITATION and WATER. The activities mentioned in Schedule-VII, Section 135 of Companies Act are linked with focus areas.

The activities linked are eradicating extreme hunger, poverty and malnutrition, promoting preventive healthcare, sanitation and making available safe drinking water. Promotion of education; including special education and employment enhancing vocation skills especially among children, woman, elderly and the differently abled and livelihood enhancement projects. Promoting gender equality and empowering women; setting up homes and hostels for women and orphans, setting up old age homes, day care centres, and such other facilities for senior citizens and measures for reducing inequalities faced by socially and economically backward groups.

Ensuring environmental sustainability, ecological balance, protection of flora and fauna, animal welfare, agroforestry, conservation of natural resources and maintaining of quality of soil, air and water. Training is given to promote rural sports, nationally recognized sports Paralympics sports and Olympic sports. Rural development projects and Slum area development are taken up in the respective areas. Disaster management, including relief, rehabilitation and reconstruction activities

Majority of CSR programs taken up, are tailored to bring wide reaching, long lasting, impactful contribution to these focus areas. A criterion for selection of CSR Activities is that NTPC undertakes the CSR activities conforming to any of the following:

1. Activities identified through need assessment survey periodically and/or inputs from panchayat, district administration, neighbourhood community, various stakeholders including public representatives, Village Development Advisory Committee (VDAC) and other participatory forums/bodies like interaction with senior management etc.
2. Identified activities should be in line with the list of activities specified in Schedule VII of the Companies Act 2013 & rules made there under.
3. Any other activity for benefit of community at large.

Delivery Mechanism of CSR activities is through four ways. One is In-house by stations/office or Group of stations/offices through credible implementing agencies. Second is Partnership with other agencies such as reputed NGOs/Institutions (on nomination basis). Third is "NTPC Foundation", a charitable trust. With an objective to serve and empower the Physically Challenged and Under Privileged Sections of Society, "NTPC Foundation", a charitable trust has been set up by NTPC takes up projects and programmes addressing niche domains of

socioeconomic concerns. Fourth is Employee Voluntary Organization for Initiatives in Community Engagement (EVOICE) NTPC encourages volunteering by its employees and their family members under the banner "Employee Voluntary Organization for Initiatives in Community Engagement (EVOICE)". It also facilitates planning and implementation of the identified CSR projects, complementing the CSR initiatives of NTPC. As far as possible every effort is made to ensure that approved CSR activities are implemented within the specified schedule.

## Monitoring & Evaluation

The Monitoring and Review will be done at station and corporate level. Station level shall do local reviews, disseminate MIS and generate exception report. Review of company-wide CSR and budget utilization shall be done at corporate level. Effectiveness of CSR programme will be assessed through both internal and external evaluation. Progress will be measured against the findings of a need-assessment / baseline survey (conducted prior to start of the project). Internal audits will be carried out to verify effectiveness of implementation. Social Impact Evaluation (SIE) will be done through credible external agencies for gauging impact of CSR initiatives. Findings of SIE form the basis for initiating corrective actions and formulating future schemes/ plans. Success of large CSR projects will be assessed with improvement in developmental indicators. Fund allocation shall follow the Government of India stipulated guidelines as issued from time to time. Surplus arising out of any CSR projects/ activities does not form part of business profit of NTPC. Funds allocated are earmarked for CSR activities approved by Board level CSR Committee. Any amount remaining unspent will be dealt with as per provisions of Companies Act. NTPC shall spend minimum two percent (2%) of the average net profits made during the three immediately preceding financial years, for CSR activities. Major portion of the CSR budget will be allocated for activities in the vicinity of NTPC stations/locations. Reporting and Communication Stations will communicate CSR related information including efforts, achievements etc. to stakeholders through Company's Annual Report including in Business Responsibility Report (BRR) Sustainability Report Local/ National print & visual media, conferences, workshops and other forums. Internal workshops, training, news bulletins, brochures, intranet etc. are extensively used to create awareness about CSR initiatives, among internal stakeholders. The policy shall be reviewed every three years or sooner if necessitated by changes in business and regulatory framework.

## CSR Activities Implemented by NTPC

1. 'NTPC UTKARSH' - MERIT SCHOLARSHIP – In order to encourage and motivate children and youth from neighborhood villages of NTPC Projects / Stations for higher studies, NTPC management has launched „NTPC Utkarsh“ - Merit Scholarship under “NTPC Foundation” for students from the neighborhood of its projects /stations. The schemes will benefit about 7300 students every year from neighborhood communities pursuing X, XII, ITI, B.E / B.Tech and MBBS studies. The scheme will be implemented by NTPC Projects / Stations from FY 2016- 17 and will entail an average expenditure of about Rs 4 Cr per year in the initial four years”. The scheme has benefitted more than 2900 students till March’ 2021.

2. CAPACITY BUILDING “Give a man a fish and you feed him for a day. Teach a man to fish and you feed him for a lifetime”. It is NTPC’s endeavour to empower communities to have access to various means of livelihood as well as personality development. NTPC’s past experience shows that constant career counseling, refresher training and confidence building workshops are critical to building a strong workforce as well. NTPC promotes policies and programmes that focus on enhancing capability, improving equity and increasing social sustainability. Key initiatives in capacity building - NTPC has committed to providing training to 8000 no’s of youths in Ladakh and J&K UTs, primarily in Leh & Ladakh Region through NSDC&NSDF. NTPC has adopted 18 ITIs wherein 24 new trades have been started and 1595 new seats added. NTPC is also setting up 8 new ITIs under R&R.

3. EDUCATION - The transition of the country to a richer, progressive & inclusive society as well as a world leader rests on the imparting of quality education to generations of Indians. It is the building block for achieving our national objectives and breaking the poverty cycle which denies millions a better life. It is a unique investment into the country’s bright future the returns for which are manifold. To this end, NTPC earmarks 15 percent -20 percent of its CSR-CD budget for education. Key initiatives in education - Quality education is primarily to rural community children through 34 schools located in NTPC townships. Special initiative of construction of girl toilets is at primary & middle schools so as to support education of girl child and reduce dropouts of girls from schools. On regular basis, stations also take up activities related to development of school infrastructure, Adult Education, Coaching and personality development programs, providing scholarships, solar lanterns, study material & uniforms etc. to deserving students. Girl Empowerment Mission (GEM) – Four weeks residential workshop providing holistic education to girl children from class 5 to class 6 during summer vacation. Implementation of project for improvement of learning levels in about 130 schools. Smart Tab labs are in Government schools in vicinity of 3 NTPC Stations. Supporting the construction of facilities for tribal schools is in Chapaki, Distt Sonebhadra (UP).

4. HEALTH - A healthy population translates into a productive and healthy economy/society. As the old proverb goes “Health is Wealth”. Yes, indeed. With this quest, NTPC’s community outreach takes the form of providing access to basic yet quality infrastructure for health, sanitation and hygiene in and around our plants. NTPC’s own hospitals & dispensaries in its townships extend medical care & treatment to the local villagers. As a unique initiative, NTPC has deployed custom built, state of the art Mobile Health Clinics to reach out and deliver primary healthcare to underprivileged sections of society in remote villages. The Mobile Health Clinic is manned by a doctor (MBBS), Nurse (GNM), Lab Technician (DLT), Pharmacist (D-Pharma), Project Co-coordinator (Post graduate / MSW) Multi-purpose worker (Computer literate & 12th pass). Out of doctor & nurse, one is a female. Key Initiatives in health - Making primary health care accessible is through health camps/ mobile health clinics in about 300 villages and subsidized medical facilities to surrounding community at project / station hospitals. Health related infrastructure in neighbourhood villages. Support committed for development of King George Hospital, Visakhapatnam, and Construction of Burn Unit at AIIMS Patna, AIIMS Bhubaneswar and KGH Lucknow. Support for construction and equipment for 3rd Floor and diagnostic labs at National Cancer Institute Nagpur, Maharashtra. Support for the construction of Eye Hospital at Dadri, Gautam Budhha Nagar, UP. Directly Observed

Treatment cum Designated Microscopy Centre (DOTs cum DMC) at 11 locations supporting Government of India's National Tuberculosis Elimination Program (NTEP) to prevent, control, and eventually eliminates tuberculosis.

5. **SAFE DRINKING WATER** - Safe and pure drinking water is the right of every person on this planet. To this end based on the request of the Quality Circles in the villages, NTPC constructed sheds for housing the RO plant, installed equipment and handed over the RO Plants to Village Development Committee or QC who run the plants and provide drinking water to the residents of village at nominal charge covering operating and maintenance costs. These villages now have access to safe drinking water which needs no further processing to make it fit for drinking.

6. **WOMEN EMPOWERMENT/ENFRANCHISEMENT** - The transformation of the country into a world power house is intricately linked to the empowerment of our womenfolk. Recognising this fact, NTPC has a bouquet of courses and projects specially designed for the ladies of the community such as Tailoring, Stitching, Dress Designing, Beautician, and Embroidery. Our focus is aimed at assisting women knowing that when the backbone of the family is strong and economically independent, the rest of the family will flourish. NTPC is on its way to revolutionising India. Key Initiatives in women empowerment - Adult education programmes for underprivileged women. Distribution of Bicycles for Girls is done through West Bengal Government. Vocational Training programmes like Cutting / Tailoring / Stitching / Dress Designing (including providing sewing machines), Embroidery, Beautician, Handicrafts. Food Preservation/ Processing, Computer Education for women population in the neighborhood villages

### NTPC Foundation

NTPC Foundation was formed by NTPC Ltd. In December 10, 2004, as a charitable trust, with a vision to serve and empower the physically challenged and economically weaker sections of the society. The foundation undertakes various activities/schemes/programs/projects/initiatives in accordance with the provisions of Section 135 of the Companies Act, 2013 and any activities in line with CSR & Sustainable Policy of NTPC

At present, the Foundation is carrying out various flagship programs of NTPC, primarily in the areas of Health, Education, Girl Empowerment, etc. for inclusive growth and equitable development of the persons with disabilities & women. Recently the Foundation has been entrusted with the implementation of NTPC's Flagship "Girl Empowerment Mission (GEM)" program at various NTPC Locations Pan India in addition to existing activities.

### Key Initiatives by NTPC Foundation

The Information and Communication Technology (ICT) Centres: Providing IT Skills to visually/physically challenged persons through its Information & Communication Technology (ICT) Centres and provide support to move along mainstream society. Around 2239 students have been benefitted till March'2021 and placed at different Govt. Institutes mainly in banking sector through its various Centres which were set up jointly with University of Delhi, Gauhati University (Guwahati) and Devi Ahilya Vishwavidyalaya (Indore) and four Govt. Blind Schools at



Ajmer (Rajasthan), Lucknow (UP), Thiruvananthapuram (Kerala) and Mysore (Karnataka). At present ICT Centre at Devi Ahilya VishwaVidyalaya, Indore is functional and imparting training successfully to students with disabilities.

NTPC Foundation NILD Disability Rehabilitation Centres (NFNDRC): NTPC in collaboration with National Institute for Locomotor Disabilities (Divyangjan) is providing rehabilitation of Persons with Disability (PwDs) through its Disability Rehabilitation Centres at Korba, Dadri, Rihand, Tanda, Farakka and Bongaigaon through restorative surgeries, medical interventions, fitting of artificial aids and appliances, therapeutic services etc. Approximately 51500 PwDs were registered at these Centres and around 112700 surgical corrections, serving aids & appliances have been provided to them.

Programme for TB Control – DOTs cum DMC: Complementing the efforts being made by Govt. of India under Revised National Tuberculosis Control Programme (RNTCP) at National level, NTPC Foundation has established 12 DOTs cum DM Centres (Directly Observed Treatment short course cum Designated Microscopy Centre) at Singrauli, Rihand, Dadri, Unchahar, Talcher, Korba, Vindhyachal, Ramagundam, Farakka, Kahalgaon & Sipat Power stations that cater to villages upto 25-30Km for Controlling the spread of TB & HIV. At present 11 centres are functional and around 55970 persons were examined for TB upto March' 2021. Out of 6599 patients who tested positive, 5727 patients have completed the treatment till date and the rest of the patients are undergoing treatment.

## Conclusion

National Thermal Power Corporation Limited (NTPC Limited) has undertaken number of initiatives as part of its CSR obligation. CSR activities of NTPC have been taking place as per its vision and mission and are beyond boundary prescribed by law as NTPC being public sector undertaking incurred more expenditure than prescribed two percent of three year average profits of the company for CSR activities from the implementation year. Corporate CSR objectives have been delivering business and environmental value through projects which are beneficial for business and larger ecosystem. This is to ensure sustainable power development by ensuring minimal wastage across operations and to actively contribute towards societal development. NTPC has been leading the sector in the areas of resettlement and rehabilitation and environment protection including effective ash-utilization, peripheral development and energy conservation practices. The policies framed by NTPC are applied to all NTPC locations in India through formulation, implementation, monitoring, evaluation, documentation and reporting of CSR activities taken up by NTPC anywhere in India.

Thus, the paper entitled “Corporate Social Responsibility (CSR) Activities of NTPC – A Review” study From basic details about NTPC To operations of NTPC, its future goals, its CSR activities based on objectives, framing of policies to actualize objectives like ICD Policy – 2009, RR Policy – 2017, CSR & SD Policy – 2016, CSR Policy revision – 2019 in conformity with the provisions of Companies Act 2013 and DPE guidelines on CSR, To areas of focus like education, water, health and sanitation To formation of CSR committees for planning, implementation, monitoring and reporting on CSR projects To activities implemented by NTPC like UTKARSH, capacity building,

education, health, safe drinking water, women empowerment and empowerment of physically challenged, economically weaker sections through NTPC foundation.

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