Corporate Social Responsibility at NPCIL

NUCLEAR POWER CORPORATION OF INDIA LIMITED
Directorate of Rehabilitation and Resettlement
Vikram Sarabhai Bhavan, Anushaktinagar, Mumbai – 400094
Nuclear Power Corporation of India Limited (NPCIL) is a Public Sector Enterprise under the administrative control of the Department of Atomic Energy (DAE), Government of India. The Company was registered as a Public Limited Company under the Companies Act, 1956 in September 1987 with the objectives of operating atomic power plants and implementing atomic power projects for generation of electricity in pursuance of the schemes and programmes of the Government of India under the Atomic Energy Act, 1962.

NPCIL is responsible for design, construction, commissioning and operation of nuclear power reactors. NPCIL is a MoU signing, profit making and dividend paying company with the highest level of credit rating (AAA rating by CRISIL and CARE). NPCIL is presently operating 22 commercial nuclear power reactors with an installed capacity of 6780 MW. The reactor fleet comprises two Boiling Water Reactors (BWRs) and 18 Pressurised Heavy Water Reactors (PHWRs) including one 100 MW PHWR at Rajasthan which is owned by DAE, Government of India and two 1000 MW VVER reactors KKNPS-1&2. Unit-2 of Kudankulam Nuclear Power Station, a 1000 MW VVER (Pressurised Water Reactor type) has started its commercial operation on March 31, 2017.

The operating nuclear power units are:
- Tarapur Atomic Power Station Units-1&2 (2x160 MW BWRs),
- Tarapur Atomic Power Station Units-3&4 (2x540 MW PHWRs),
- Rajasthan Atomic Power Station Units 1 to 6 (100 MW, 200 MW and 4x220 MW PHWRs),
- Madras Atomic Power Station Units-1&2 (2x220 MW PHWRs),
- Narora Atomic Power Station Units-1&2 (2x220 MW PHWRs),
- Kakrapar Atomic Station Units-1&2 (2x220 MW PHWRs),
- Kaiga Generating Station Unit-1 to 4 (4x220 MW PHWRs) and
- Kudankulam Nuclear Power Station Unit-1&2 (2x1000 MW VVER)

The units under construction are:
- Kakrapar Atomic Power Project Unit-3&4 (2x700 MW PHWRs)
- Rajasthan Atomic Power Project Units-7&8 (2x700 MW PHWRs)
- Kudankulam Nuclear Power Project Unit-3&4 (2x1000 MW VVERs)
- Gorakhpur Haryana Anu Vidyut Pariyojna Unit-1&2 (2X700 MW PHWRs)

Similarly, in principle approval has been accorded for the sites, Jaitapur in Maharashtra, Gorakhpur in Haryana, Chutka and Bhimpur in Madhya Pradesh, Kovvada in Andhra Pradesh, Mithi Virdi in Gujarat, Mahi Banswara in Rajasthan and Haripur in West Bengal for setting up nuclear power plants in future.

Being a responsible corporate citizen, NPCIL accomplishes CSR activities and implements projects related to Sustainable Development (SD). The company is complying with the Corporate Governance guidelines issued by Department of Public Enterprises (DPE).
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Nuclear Power Plants & Sites in India

Rajasthan Atomic Power Station (RAPS), Rawatbhata, Rajasthan
- 1 x 100 MW
- 1 x 200 MW
- 4 x 220 MW
- 2 x 700 MW

Mahi Banswara, Rajasthan
- 4 x 700 MW

Kakrapar Atomic Power Station (KAPS), Gujarat
- 2 x 220 MW
- 2 x 700 MW

Mithi Virdi, Gujarat
- 6 x 1000 Plus* MW

Tarapur Atomic Power Station (TAPS), Maharashtra
- 2 x 160 MW
- 2 x 540 MW

Jaitapur Nuclear Power Project (JNPP), Maharashtra
- 6 x 1650 MW

Keda’s Generating Station (KGS), Karnataka
- 4 x 220 MW
- 2 x 700 MW

Kudankulam Nuclear Power Project (KKNPP), Tamil Nadu
- 2 x 1000 MW
- 2 x 1000 MW
- 2 x 1000 MW

Gorakhpur Haryana Anu Vidyut Parivar (GHAHV), Haryana
- 4 x 700 MW

Narora Atomic Power Station (NAPS), Uttar Pradesh
- 2 x 220 MW

Chutka, MP
Atomic Power Project (CMAPP)
- 2 x 700 MW

KKNPP 3&4 and GHAHV 1&2 got administrative approval from Govt. of India
* Indicative Capacity

Map for representation only. Not to scale.

Capacity In Operation (6780MW)*
Capacity Under Construction (6200MW)
*Out of these units, RAPS-1 (100 MW) is owned by the DAE and managed by NPCIL

Plants Under Operation
Plants Under Construction
Proposed Projects / in-principle approval received from GoI Under sanction

Indicative Capacity
2. Corporate Social Responsibility at NPCIL

NPCIL has been implementing Corporate Social Responsibility (CSR) projects since its inception as per the commitment to economic and social development of the community living around 16 Km radius from all its Units. CSR programme is generally implemented as per the identified need of the community. The thrust areas for CSR projects are: education, healthcare, infrastructure development, skill development, sustainable development and other general projects.

With the Companies Act 2013 making CSR mandatory for the eligible companies, the CSR programme has been strengthened during FY 2015-16 with further delegation of financial powers for speedy implementation. A two tier structure comprising the Unit CSR Cell and Site Level Committee manages the CSR projects at the sites. At Headquarters, the Tier II Committee and the Board Sub-Committee on CSR and Sustainability steer the corporate CSR programme. The figure given next sums up the CSR philosophy of NPCIL. It integrates the triple bottom line for sustainable development with the identified key areas for CSR.
3. Pictorial Journey of CSR by NPCIL

**Education:** Educational activities in CSR include projects like construction of school buildings, classrooms, assembly rooms, laboratories, and toilets etc; supply of furniture, computers, audio-visual aids, learning aids, books and notebooks, uniforms, footwear, rain / winter gear and nutrition etc; supplementing teachers, providing school transport facility, providing scholarships and awards, sports facility and competitions, improving holistic health, etc.

- To provide 5 nos. of round tables to Panchayat Union Primary School, Adankarkulam village & Panchayat
- Solar lanterns to the 12th Students Govt Hr Sec School, Palavoor Village
- Bag distribution at Maharajpur School, Narora
- Construction of Building at Village Mandesara
Healthcare: Health care activities in CSR include projects like construction and running of primary health centres with labour wards, providing mobile medical van services, organising medical camps, providing pre-natal and post-natal care, funding development and extension of hospital, blood bank facilities, providing medical treatment, medicines and curative nutrients (OPD services) for villagers etc.

Infrastructure Development: Infrastructure Development activities in CSR include projects like construction of approach roads, bridges, development of drinking water facility, construction of community hall, construction of bus stop / sheds, installation of street lights, providing facilities for agriculture, farming, fishing, and other local livelihood activities etc.
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Skill Development: Skill Development activities in CSR include projects like training local youths and women in computer skills, tailoring, embroidery, driving, welding, masonry, hospitality services, horticulture etc. Any skill that has potential for livelihood generation in the local area is considered under skill development for local youth and women.

Women Empowerment Training by NGO, SEA, Mamallapuram

Skill development in Mason

Sustainable Development: Sustainable Development activities in CSR include projects like conservation of local flora and fauna, fishes, turtles, birds, butterflies, and mud flaps, forests, backwaters etc; cleaning and conservation of land, water and air resources, rain water harvesting, removal / cleaning of water hyacinth from water bodies etc.

Project Turtle at NAPS, Narora

Butterfly Garden at Kakrapar

4. Contact Details

At corporate Headquarters in Mumbai the CSR programme is steered by Executive Director (Resettlement and Rehabilitation). At each of the units, respective Site / Station / Project Directors implement the CSR programme with the help of a CSR Committee headed by a senior executive. For more details about how to participate in NPCIL’s CSR programme, please contact: Executive Director (R&R and BD) , Nuclear Power Corporation of India Limited, Vikram Sarabai Bhavan, Anushaktinagar, Mumbai-400094, Ph: 022-25991246, Mail us at : csr@npcil.co.in
NPCIL’S Mission

To develop nuclear power technology and to produce Nuclear Power as a safe, environmentally benign and economically viable source of electrical energy to meet the increasing electricity needs of the country.

NPCIL’S CSR Objective

To continue and strengthen the neighbourhood welfare programme/CSR activities for achieving inclusive growth of surrounding population.