

ANNEX-I

Non – Mandatory Requirements

Besides the mandatory requirements as mentioned in preceeding pages, the status of compliance with non-mandatory requirements of Clause 49 of the Listing Agreement is provided below:

1. **The Board:** The Company is headed by an Executive Chairman. No Independent Director has been appointed for the period exceeding, in the aggregate, a period of nine years, on the Board of the Company.
2. **Remuneration Committee:** Please refer to para 3.3 of this Report.
3. **Shareholder Rights:** The quarterly financial results of the Company are published in leading newspapers as mentioned under heading 'Means of Communication' and also hosted on the website of the Company. These results are not separately circulated. Significant events have been disclosed on the Company website: www.ntpc.co.in under "Announcements" in the "Company Performance" section.
4. **Audit Qualification:** It is always Company's endeavour to present unqualified financial statements.
5. **Training to Board Members:** The Board of Directors have the responsibility of strategic supervision of the Company and undertake periodic review of various matters including performance of various stations, construction of power projects, capacity expansion programme in line with targets set-up by Ministry of Power, resource mobilisation, etc. In order to fulfil this role, the Board of Directors undergo training from time to time. The Board of Directors are fully briefed on all business related matters, risk assessment and mitigating procedures and new initiatives proposed by the Company. Directors are also briefed on changes/developments in Indian as well as international corporate and industry scenario including those pertaining to the statutes/legislation and economic environment. In addition, Directors are being imparted training organised by the Company and other agencies/ institutions etc which would enable them to appreciate specific requirements of Power Sector as well as those of the Company.
6. **Mechanism for evaluating non-executive Board Members:** Non-executive Board Members (Independent Directors) of NTPC are being appointed by the Search Committee of the Government of India for a tenure of three years at a time. Their performance is also evaluated by the Search Committee of the Government of India and based on their performance; they are considered for re-appointment on the Board.
7. **Whistle Blower Policy:** The Company has not adopted any separate "Whistle Blower" policy. However, under the provisions of "Fraud Prevention Policy" adopted by the Company, a Whistle Blower mechanism is in place for reporting of fraud or suspected fraud involving employees of the Company as well as representatives of vendors, suppliers, contractors, consultants, service provider or any other party doing any type of business with NTPC. All reports of fraud or suspected fraud are investigated with utmost speed. The mechanism for prevention of fraud is also included in the policy.

ANNEX-II

Schedule of Compliances with Presidential Directive issued during the Financial Year 2011-12 and during last three years before the Financial Year 2011-12:

Year	Content of Presidential Directives	Compliance
2011-12	NIL	NIL
2010-11	1. Vide Presidential Directive No.11/2/2010-Th-1 dated 10 th January, 2011, Government of India had directed NTPC for induction of supercritical technology (with stipulation of Phased Manufacturing Programme) through Bulk ordering of nine 800 MW generating units by NTPC Limited as per road map given in the aforesaid directive.	In line with the Presidential Directive, tenders for Steam Generator (SG) package and Steam Turbine Generator (STG) package for 800 MW units were invited separately for Lara, Darlipali, Gajmara and Kudgi project on International Competitive Bidding basis on 4.02.2011 in line with GOI guidelines following two-stage bidding process. While, award of Contract for SG and STG Package have been issued for Kudgi (3x800 MW) project, the same for Lara, Darlipali and Gajmara shall be placed after receipt of investment approval subsequent to environment clearance and physical possession of land for main plant of the respective projects.

Year	Content of Presidential Directives	Compliance
2009-10	<p>1. Vide Presidential Directive No.8/3/2002-TH. II (Vol.IV) dated 04.09.2009 read with letter of even no. dated 07.10.2009, Government of India had directed NTPC for induction of supercritical technology through bulk ordering of eleven 660 MW generating units by NTPC for itself and on behalf of its Joint Venture Companies and on behalf of Damodar Valley Corporation.</p>	<p>In line with the Presidential Directive, tenders for Steam Generator (SG) package and Steam Turbine Generator (STG) package for 660 MW units were invited separately on International Competitive Bidding basis on 16.10.2009, following two stage bidding process (i.e within the stipulated period of 45 days from issuance of MOP letter dated 04.09.2009).</p> <p>In SG package, one disqualified bidder filed a writ petition in the High Court of Delhi. NTPC challenged the decision of High Court in Hon'ble Supreme Court of India, which subsequently gave the judgment in favour of NTPC. Accordingly, the price bid were invited from the bidder and award of contract for SG and STG Package for Solapur (2x660MW) has been placed.</p> <p>Award of Contract for Meja (2x660 MW) has been awarded by Meja Urja Nigam Private Limited and for Nabinagar (3x660 MW) shall be issued by Nabinagar Power Generating Company Private Limited. Further, Damodar Valley Corporation had been advised to take necessary action for issuance of LOI/ Notification of Award.</p>
	<p>2. Vide Presidential Directive No. 5/5/2004-TH.II dated 03.07.2009, Government of India permitted NTPC for winding up of Pipavav Power Development Company Limited (PPDCL) through striking off the name of PPDCL under Section 560 of the Companies Act, 1956.</p> <p>3. Contract relating to Main Plant Package for Barh Super Thermal Power Project, Stage-I (3x660 MW) awarded on Technopromexport, Russia by NTPC Limited</p>	<p>Registrar of Companies, through its letter dated 28.01.2011, has informed that the name of Pipavav Power Development Company Limited has been struck off from the Register of Registrar of Companies, NCT of Delhi & Haryana pursuant to Section 560 of the Companies Act, 1956 and the said Company stands dissolved.</p> <p>NTPC is implementing Main Plant Package Part-A (Steam Generator & Auxiliaries) for Barh Super Thermal Power Project Stage-I (3x660MW) through Technopromexport, Russia. MOP/GOI furnished decision of Cabinet Committee on Infrastructure (CCI) vide its letter dated 28.05.2010 directing NTPC to take all necessary actions for the early completion of the project in view of the CCI decision. In line with the directive, discussions were held between NTPC and Technopromexport, Russia and after taking approval from the competent authority, necessary amendments to Contracts have also been issued on 29.10.2010 for implementation of Barh STPP Stage-I.</p>
2008-09	<p>1. Vide Presidential Directive No. 3/4/2009-TH.I dated 30.04.2009, Government of India has directed NTPC to implement revision of pay and revision of Board Level and below Board Level Executives and Non-Unionised Supervisors in Central Public Sector Enterprises (CPSEs) w.e.f. 01.01.2007</p>	<p>The process of pay revision of wage and benefit structure for employees in Executive category and for employees in unionized category (workmen) was completed on 16.09.2009 and 07.07.2010 respectively.</p>
	<p>2. Vide Presidential Directive No. 5/5/2004-TH.II dated 03.07.2009, Government of India permitted NTPC for winding up of Pipavav Power Development Company Limited (PPDCL) by NTPC Limited pending settlement of claims with Gujarat Power Corporation Limited/ Government of Gujarat.</p>	<p>Please refer compliance as mentioned under Point 2 in the year 2009-2010.</p>

CHIEF EXECUTIVE OFFICER (CEO) & CHIEF FINANCIAL OFFICER (CFO) CERTIFICATION

We, Arup Roy Choudhury, Chairman & Managing Director and A.K.Singhal, Director (Finance) of NTPC Limited to the best of our knowledge and belief, certify that:

- (a) We have reviewed the balance sheet and profit and loss account (stand alone and consolidated) and all its schedules and notes on accounts and the Cash Flow Statement for the year ended March 31, 2012 and to the best of our knowledge and belief:
 - (i) these statements do not contain any materially untrue statement or omit any material fact or contain statements that might be misleading;
 - (ii) these statements together present a true and fair view of the Company's affairs and are in compliance with existing accounting standards, applicable laws and regulations.
- (b) To the best of our knowledge and belief, no transactions entered into by the Company during the year, which is fraudulent, illegal or violative of the Company's various code(s) of conduct.
- (c) We are responsible for establishing and maintaining internal controls for financial reporting and we have evaluated the effectiveness of the internal control systems of the Company pertaining to financial reporting and have disclosed to the auditors and the Audit Committee, deficiencies in the design or operation of internal controls, if any, of which we are aware and the steps we have taken or propose to take to rectify these deficiencies.
- (d) We have indicated to the Company's auditors and the Audit Committee of NTPC's Board of Directors:
 - (i) significant changes, if any, in internal control over financial reporting during the year;
 - (ii) significant changes, if any, in accounting policies during the year and the same have been disclosed in the notes to the financial statements; and
 - (iii) instances of significant fraud of which we have become aware and the involvement therein, if any, of the management or an employee having a significant role in the Company's internal control system over financial reporting.

Place : New Delhi
Date : 3rd May 2012

(A.K. Singhal)
Director (Finance)

(Arup Roy Choudhury)
Chairman & Managing Director

AUDITORS' CERTIFICATE

The Members
NTPC Limited

We have examined the compliance of conditions of Corporate Governance by NTPC Limited for the year ended on March 31, 2012 as stipulated in the Clause 49 of the Listing Agreements in respect of Equity Shares of the said Company with Stock Exchanges and as stipulated in the Guidelines on Corporate Governance for Central Public Sector Enterprises issued by Department of Public Enterprises, Ministry of Heavy Industries and Public Enterprises, Government of India.

The compliance of conditions of corporate governance is the responsibility of the management. Our examination is limited to procedures and implementation thereof, adopted by the Company for ensuring the compliance of the conditions of the Corporate Governance. It is neither an audit nor an expression of opinion on the financial statements of the Company.

In our opinion and to the best of our knowledge and information and according to the explanations given to us, we certify that the Company has complied with the mandatory conditions of Corporate Governance as stipulated in the Listing Agreements and in the Guidelines on Corporate Governance for Central Public Sector Enterprises except Board of Directors does not comprise of the required number of independent directors due to vacancy created by retirement, delay in appointment as indicated in Para 2.2 of Corporate Governance Report and one independent director's position remains vacant as on 31st March 2012.

We further state that such compliance is neither an assurance as to the future viability of the Company nor the efficiency or effectiveness with which the management has conducted the affairs of the Company.

For O. P. Bagla & Co.
Chartered Accountants
Firm Reg. No. 000018N

For K K Soni & Co.
Chartered Accountants
Firm Reg. No. 000947N

For PKF Sridhar & Santhanam
Chartered Accountants
Firm Reg. No. 003990S

(O. P. Bagla)
Partner
M No. 008858

(S. S. Soni)
Partner
M No. 094227

(S. Narasimhan)
Partner
M No. 206047

For V. Sankar Aiyar & Co.
Chartered Accountants
Firm Reg. No. 109208W

For Ramesh C. Agrawal & Co.
Chartered Accountants
Firm Reg. No. 001770C

For A. R. & Co.
Chartered Accountants
Firm Reg. No. 002744C

(M.S. Balachandran)
Partner
M No. 024282

(Sanjay Agrawal)
Partner
M No. 072867

(Pawan K. Goel)
Partner
M No. 072209

Place : New Delhi
Date : 10th May 2012

PARTICULARS REQUIRED UNDER THE COMPANIES (DISCLOSURE OF PARTICULARS IN THE REPORT OF THE BOARD OF DIRECTORS) RULES, 1988:

A. CONSERVATION OF ENERGY:

a) Energy conservation measures taken:

Some of the important energy conservation measures taken during the year 2011-2012 in different areas are as under:

ENERGY AUDITS

During 2011-12, 96 energy audits in the areas of auxiliary power consumption, water balance, cooling water system, thermal insulation, compressed air, coal handling plant, milling system, air conditioning, ash handling system, WHRB performance, lighting etc. were carried out at different stations of the Company.

AUXILIARY POWER CONSUMPTION

Replacement of inefficient BFP cartridges and attending BFP recirculation valves at various projects, Modifying APH sector angle at Tanda, Removal of one stage in CEP at Vindhyachal, Application of efficiency improvement coating on cooling water/ other pumps internals at Faridabad, Talcher Kaniha, Korba, Talcher Thermal, Gandhar, etc. Installation of VFD's in HFO pressurizing pumps and paddle feeders at Korba and in raw water pumps at Gandhar, Optimization pumping power by stopping leakages in underground pipework (by making it above ground) at Kahalgaon, Gravity Feeding of CT basin at Kayamkulam, AC compressors stopped after commissioning of vapour absorption system at Vindhyachal, Optimization of operation of CW pumps, ARCW, Clarified water pumps and Cooling Tower Fans at Talcher Kaniha, Singrauli, Kahalgaon, Sipat, Kawas, Anta, Auraiys, Unchahar, Farakka etc., optimizing DP across Feed Regulating Station at Korba and Singrauli.

LIGHTING

Replacement of conventional GLS lamps and conventional FTLs with CFLs/ efficient TL at various projects. Replacement of street lighting HPSV fixtures with LED light at Kayamkulam.

HEAT ENERGY

External surface cleaning of WHRB tubes with ammonia at Auraiya, attending/ upgrading thermal insulation at Unchahar, Auraiya, Kayamkulam etc., attending passing in HP heaters at Ramagundam and Rihand, Turbine rotor replacement at Talcher Kaniha, cooling Tower performance improvement by improved water distribution.

b) Additional investments and proposals for reduction in consumption of energy:

Provision of ₹ 7.80 crore has been kept in BE 2012-13 for different energy conservation schemes like:

- Installation of VFD in ID fans
- On-Line Energy Management System
- Vapor absorption system for Air Conditioning
- Energy Efficient Lighting

c) Impact of measures taken for energy conservation:

Savings achieved during 2011-12 on account of specific efforts for energy conservation:-

S.No.	Area/Activities	Energy Unit	Savings Qty. of units	₹ Crore
1	Electrical	MU	111.25	23.25
2.a	Heat Energy (equivalent MT of coal)	MT	36,530	6.70
2.b	Heat Energy (equivalent MCM of Gas)	MCM	0.51	0.76
2.c	Heat Energy (equivalent KL of Naptha)	KL	21.24	0.08
	Grand Total			30.79

Savings achieved during 2010-11: ₹ 30.62 Crore

d) Technology Absorption:

Efforts made towards technology absorption are contained in enclosed Form –B.

C. FOREIGN EXCHANGE EARNINGS AND OUTGO

Activities relating to export initiative taken to increase export, development of new export markets for products and services and export plan:

Total Foreign Exchange Used/ Earned (2011-2012)	₹ Crore
1. Foreign Exchange Outgo	
a) Value of Imports calculated on CIF basis:	
- Capital Goods	880.34
- Spare Parts	190.09
b) Expenditure:	
- Professional and Consultancy Charges	7.07
- Interest	390.03
- Others	14.44
2. Foreign Exchange Earned	
- Consultancy	2.48
- Interest	-
- Others	0.28

FORM FOR DISCLOSURE OF PARTICULARS WITH RESPECT TO ABSORPTION OF TECHNOLOGY
1.0 Specific areas in which NETRA activities have been carried out during 2011 - 12:

- a. **MOU Projects for 2010 – 11 Completed:** Installation and Commissioning of bench scale test loop at NETRA of PSA based CO₂ capture technology; Lab scale testing and design of Pilot plant for CO₂ utilization through mineralization of fly ash at Ramagundam; Supply of equipment and commencement of erection of 40 TR solar HVAC plant at NETRA through in-house design & engineering; Development of software and its trials for On-line chemical parameter monitoring and advisory at one station through in-house efforts; Design and preparation of feasibility report & DPR for 1 MW solar Thermal R&D Pilot plant having provision of three type of concentrators; Study of micro-algae strains and short listing for detailed CO₂ capturing studies to 10 Nos; Study of low energy absorption building envelope design.
- b. **Developmental Projects undertaken by NETRA:** Specification of bench scale prototype to convert Municipal Solid Waste to fuel; Design & Specification of Pilot plant for Moisture Extraction from flue gas at Ramagundam; Deployment of Artificial Intelligence based pilot program for performance optimization at 1 station (at Simhadri); NIT of 100 TR FGHR-AC Pilot Plant at Ramagundam; Lab scale studies for Thermal Monitoring of W/W tubes to identify level of deposits in the tubes; Assessment of corrosivity of condenser cooling water and recommending corrective measures at stations (4 Stations).
- c. **Scientific Support to Stations:**
 - **NETRA continued to provide scientific support to stations such as:** Validation of Software for online chemical monitoring & advisory of Water Chemistry parameters at Singrauli; Retrofitting of VFD drives in existing cooling tower fan motor at Dadri; Development of PDC-RVM Instrument for Condition Monitoring Transformer Insulating paper; Integrated Self Powered bio-diesel plant at Vindhyachal is under development; Feasibility study for development of Bio-mass based power from wastes biomass at Singrauli is in progress; Post operational chemical cleaning of 3 boilers carried out; Data collection from 8 Sensors Solar Radiation Stations stated; Corrosion audit of cooling water systems and structures of 4 stations i.e. Kayamkulam, Ramagundam, Kawas & Gandhar have been completed and recommendations for the corrective actions have been provided to the stations; NETRA has provided specifications for the appointment of International Consultant for the application of cathodic protection system to control the corrosion of RCC structures such as Cooling towers & other structures at Simhadri; CFD modeling of flue gas ducts of Vindhyachal Stage-I and Korba have been completed to optimize the performance & life of the ducts; NETRA has provided the specifications for the skid mounted ammonia dosing system for Talcher Thermal station to control the SPM; NETRA has developed Robotic based inspection system for faster & accurate inspection of boiler tubes and trials have been carried out at three stations.
 - **Environment:** Environmental Appraisal of 5 stations have been carried out and corrective actions are being taken by the stations based on the appraisal; Ozone measurement as per new ambient air act was performed at one upcoming station to build up data; Performance evaluation of domestic effluents for zero discharge carried out at Kahalgaon; Mercury testing kit was developed in house.
 - **Health Assessment:** 23 Health assessment studies carried out for different boilers, steam & gas turbines; NETRA provided expert services for the application of phased array technique in detecting the cracks on the root of the turbine blades without removing them. Cracks were detected in 2 nos blades (Talcher Kaniha, Unit#2) using phased array technique, which were earlier cleared okay in other NDT examinations; Material mismatch, i.e. use of carbon steel instead of low alloy steel, was detected at 15 locations for Rihand, Unit#5 for the turbine drain lines and boiler drain/vent lines; Hot Gas Casing of Anta(GT#3) is being operated beyond its design life of 60,000 Vaulted Operating hours, through periodic health assessment; Sweep Frequency Response Analysis(SFRA) of Transformer for assessment of Mechanical Integrity of the Transformer was carried out for 20 transformers to check their mechanical integrity. Clearance given based on SFRA for GT#2 of Tanda Thermal Power Station after repair. Rihand ST#5 SFRA traces was analysed after discrepancies in Factory and Field test results and clearance given for charging.

- **Condition Monitoring:** More than 6,000 samples including 2,600 transformer oil samples covering more than 400 HV Transformers, 2,000 wear debris (rotating components), 400 samples for ion exchange resins from 20 stations, 150 samples for boiler tube inspection were analysed and suitable recommendations were provided to stations for life extension of components.
- d. **Scientific Support to Other Utilities:** Scientific services provided to other utilities such as Torrent Power, Jindal Power, Lehra Mohabat, IPGCL, DMRC, MMTTC etc.
- e. Supply, Erection, Commissioning of 40 TR Solar thermal HVAC plant was completed at NETRA

2.0 Benefits derived as a result of above Research & Technology Development:

NETRA activities as carried out have helped in increasing the availability, reliability and efficiency of the stations. Techniques developed by NETRA are implemented at stations, which are enhancing the life of boiler & turbine components. Environmental appraisals, rejuvenation treatments of resins, chemical cleaning/treatment and corrosion control measures supported the stations in improving the efficiency, availability and life of boilers, various heat exchangers/cooling towers etc.

The preventive/failure investigation of transformers, critical rotating components, boiler/condenser tubes and NDT health assessment of boiler components helped in identifying the cause of failure and thus providing necessary input for taking corrective action in preventing re-occurrence of similar failures thereby increasing the availability of power plant equipments. Newly developed monitoring softwares/analysers such as Chem. Expert system and EIDM techniques enabled stations to monitor parameters on real time basis and generate instant advisory to enhance performance.

Studies on CO₂ fixation/utilization; solar thermal; biofuels will result into development of technologies for reduction in the impact on climate change and technologies for affordable renewable energy sources. Development of technologies for efficiency improvement will help in reducing cost of generation.

3.0 FUTURE PLANS

Developmental Projects planned to be taken up:

- Deployment and validation of 'Energy Intensification & Diagnosis Model' (EIDM) for real time plant performance optimization at one of the 500 MW unit of NTPC.
- In-house development of process to upgrade existing induction motor for VFD retrofitting and execution on Cooling Tower Fan in one of the NTPC station.
- Completion of In house process design for around 50 m₂ open pond race way algae reactor at one of the NTPC Station.
- Development of an expert system for assessment of paper moisture in transformers using (PDC-RVM) technique and demonstration at one of NTPC Station.
- DPR for Integration of solar thermal with feed heating of coal power plant at one of the NTPC stations.
- Design of heat pipe based air pre-heater pilot facility at NETRA & Completion of procurement of equipment.
- Development of Advanced Pattern Recognition Technique for early warning detection for a power plant application
- Application of TOFD (Time of Flight Diffraction) for testing of welds in headers and pipe lines at one unit of a station
- Inspection of LTSH tubes using robotic systems of two 500 MW units of NTPC stations.
- Commencement and erection of RFID system in MGR track at one of the stations.

4.0 Expenditure on R&D:

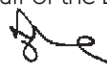
S.No.	Description	Expenditure in (₹ Crore)	
		FY 2011-12	FY 2010-11
a)	Capital	3.82	3.68
b)	Recurring	29.89	28.30
c)	Total	33.71	31.98
d)	Total R&D expenditure as a percentage of total turnover	0.0551%	0.0583%

5.0 Technology Absorption, Adaptation and Innovation

Particulars of some of the important technology imported during last five (5) years are as follows:

S.No.	Technology	Year	Stations
1	Super critical technology with 256 Kg/cm ² Steam Pressure and 565/595 C MS/RH steam temperature is being adopted for improvement in thermal efficiency and reduced emission of green house gasses.	2008-10	Being Implemented in Barh-II and also being implemented in 11 units of 660 MW (in Mauda, Sholapur, Meja, Nabinagar and Raghunathpur plant) through bulk tendering mechanism & being implemented for 800 MW units (Kudgi, Darlipalli, Gajmara & Lara through Bulk tendering).
2	Implementing IGCC technology for high ash Indian coal	2010	Demonstration plant of about 100 MW capacity at Dadri project.
3	Communicable Numerical Relay Technology (on IEC 618500) along with Networking Systems introduced in 33 KV/11 KV /6.6 KV/3.3 KV and LV System	2009	Implemented at Dadri-II, Korba-III & IGSTPP, Simhadri-II. Being Implemented in all ongoing projects.
4	Boiler Flame Viewing Camera	2009	Implemented in Kahagaon and Sipat-II projects.
5	4,000 TPH Capacity & 4.4 Km long pipe conveyors for transporting coal from port to plant .	2006	Implemented in Vallur. This is highest capacity pipe conveyor in Asia.
6	As a part of green technology adoption, LED based large video screens have been adopted for control rooms, from 660 MW bulk tendering projects onwards.	2010	Incorporated in the Station C&I specifications of 660MW bulk tender projects (Mouda-II, Sholapur, Meja, Nabinagar).
7	Secured & Improved Network design of DDCMIS has been adopted. This secured network design has been incorporated in the specifications along with network security policies & procedures, provision of security audits and specialized training.	2008	Incorporated in technical specifications from Bongaigaon onwards. For existing projects, these security policies & procedures have been circulated to all sites.

For and on behalf of the Board of Directors



(Arup Roy Choudhury)
Chairman & Managing Director

Place : New Delhi
Dated : 3rd August 2012

STATEMENT PURSUANT TO SECTION 212 OF THE COMPANIES ACT, 1956 RELATING TO SUBSIDIARY COMPANIES

S. No.	PARTICULARS	NTPC ELECTRIC SUPPLY COMPANY LIMITED	NTPC VIDYUT VYAPAR NIGAM LIMITED	NTPC HYDRO LIMITED*	KANTI BIJLEE UTPADAN NIGAM LIMITED	BHARTIYA RAIL BIJLEE COMPANY LIMITED
1.	Financial year of the Subsidiary ended on	March 31, 2012	March 31, 2012	March 31, 2012	March 31, 2012	March 31, 2012
2.	Date from which they became Subsidiary	August 21, 2002	November 1, 2002	December 12, 2002	September 6, 2006	November 22, 2007
3.	Share of the subsidiary held by the Company as on March 31, 2012					
	a) Number & face value	80,910 equity shares of ₹10/- each	2,00,00,000 equity shares of ₹ 10/- each	12,13,59,500 equity shares of ₹ 10/- each	34,27,38,200 equity shares of ₹ 10/- each	50,94,60,000 equity shares of ₹ 10/- each
	b) Extent of holding	100%	100%	100%	64.93%	74%
4.	The net aggregate amount of the subsidiary Companies Profit/(loss) so far as it concerns the member of the holding Company (in ₹)					
	a) Not dealt with in the holding Company's accounts					
	i) For the financial year ended March 31, 2012	7,65,88,939	1,11,93,27,294	Nil	3,47,68,718	(1,05,952)
	ii) Upto the previous financial years of the subsidiary Company	50,65,39,836	88,90,94,005	Nil	(9,51,91,001)	(37,88,051)
	b) Dealt with in the holding Company's accounts					
	(i) For the financial year ended March 31, 2012	Nil	Nil	(64,781)	Nil	Nil
	(ii) For the previous financial year of the subsidiary Company since they become the holding Company's subsidiaries	Nil	Nil	(8,13,26,692)	Nil	Nil

* The Board of NTPC, in its Meeting held on 10.05.2012, has approved the scheme of amalgamation of NTPC Hydro Limited with NTPC Limited under Section 391-394 of the Companies Act, 1956 subject to the requisite approvals from Ministry of Corporate Affairs, Shareholders and Stock Exchanges.

For and on behalf of the Board of Directors


(Arup Roy Choudhury)
Chairman & Managing Director

Place : New Delhi
Dated : 3rd August 2012

Annex- V to Directors' Report

STATISTICAL DATA OF GRIEVANCE CASES - 2011-12

S. No.	Particulars	Public Grievance Cases	Staff Grievances Cases
1.	Grievance cases outstanding at the beginning of the year	1	2
2.	Grievance cases received during the year	-	14
3.	Grievance cases disposed of during the year	-	11
4.	Grievance Cases outstanding at the end of the year	1	5

For and on behalf of the Board of Directors



(Arup Roy Choudhury)
Chairman & Managing Director

Place : New Delhi
Dated : 3rd August 2012

Annex-VI to Directors' Report

STATISTICAL INFORMATION ON RESERVATION OF SCs/STs FOR THE YEAR 2011.

Representation of SCs/STs as on 01.01.2012:

Group	Employees on Roll	SCs	%age	STs	%age
A	14,474	1,727	11.93	624	4.31
B	5,310	869	16.37	375	7.06
C	5,655	944	16.69	366	6.47
D	905	194	21.43	151	16.69
Total	26,344*	3,734	14.17	1,516	5.75

* The above data is inclusive of manpower posted at JVs and Subsidiaries and 744 Executive Trainees and manpower of taken over plants.

Recruitment of SCs/STs during the year 2011:

Group	Total Recruitment	SCs	%age	STs	%age
A	846	125	14.78	58	6.86
B	-	-	-	-	-
C	122	24	19.67	3	2.46
D	2	1	50.00	1	50.00
Total	970	150	15.46	62	6.39

Promotions of SCs/STs during the year 2011:


Group	Total	SCs	%age	STs	%age
A	2,780	353	12.70	100	3.60
B	933	158	16.93	76	8.15
C	1,152	208	18.06	79	6.86
D	52	11	21.15	6	11.54
Total	4,917	730	14.85	261	5.31

The following backlog vacancies reserved for SCs/ STs/ OBCs have been filled through advertisement of backlog vacancies along with current vacancies:

SCs : 27

STs : 27

For and on behalf of the Board of Directors



(Arup Roy Choudhury)
Chairman & Managing Director

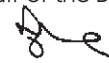
Place : New Delhi
Dated : 3rd August 2012

INFORMATION ON PHYSICALLY CHALLENGED PERSONS

With a view to focus on its role as a socially responsible and socially conscious organization, your Company has endeavored to take responsibility for adequate representation of physically challenged persons (PCP) in its workforce. With this in view, the Company launched a massive recruitment drive to make up the shortfall of PCP. Presently, 467 PCP (100 VH, 101 HH and 266 OH) are on rolls of NTPC. Reservation has been provided for PH as per rules/policy. Some of the other initiatives taken for the welfare of physically challenged persons by NTPC over the years are as under:

- For individual needs of the Visually Hampered employees, screen reading software and Braille shorthand machines, made available by the Projects of NTPC. A website has been made PCP friendly particularly for Low Vision Employees.
- "Sign language" training for the employees in general.
- Changes in the existing building have been/ are being made to provide barrier free access to physically challenged.
- Ramps have also been provided for unhampered movement of wheel chairs.
- At most of the Projects, wherever houses are located in multi-storied structures, allotments to PCP has been made on the ground floor.
- Special parking enclosure near the ramp at the office entrance as well as Physically Handicapped friendly toilet and lift at CC and Projects.
- Wheel chairs have been provided to employees with orthopaedics disabilities. If required, the assistance of an attendant has also been sanctioned.
- Wherever required, gates/ door of the quarter have been widened.
- At CC procurement of stationery items like files, envelopes are mainly being done from NGOs/ Agencies like ADDI, MUSKAN, Blind Relief Association who are working for physically challenged thereby creating indirect employment.
- Paintings made by disabled persons have also been procured and placed at different locations in the Company Offices.
- Medical camps have been organized in various projects of the Company for treatment and distribution of aids like artificial limbs, tricycles, wheelchairs, calipers etc.
- Shops have been allotted in Township to PCP so that they may earn their livelihood. Similarly, PCOs within/ outside plant premises are also allotted to PCP.
- Regular interactive meetings are being organized with physically challenged employees.
- Training needs are being fulfilled as per the individual requirement.
- 9 number of Scholarships @ ₹1,500/- per month/ per student are given to PH students pursuing MBA/ PGDBM/Degree in Engineering Courses.
- Petty contracts like book binding, scribbling pad preparation from waste paper, file binding, furniture repair, screen printing, spiral binding, painting contract are also being given to disabled persons.
- Physically challenged (Orthopedically Handicapped) employees have been allowed to purchase a three wheeler vehicle with a hand fitted engine against their normal entitlement (advance for scooter/ motorcycle/ moped) under NTPC conveyance Advance Rules.
- At all Projects/ Offices, Nodal Officers (Physically Challenged) have been nominated.
- Reimbursement towards low vision aids, dark glasses etc. subject to maximum of ₹1,000/- every year has been introduced. Similarly hearing aid; behind the ear model for each ear restricted to ₹10,000/- or actual cost whichever is lower has been introduced. It may be replaced every four years subject to certificate of condemnation by ENT Specialist.
- Relaxation in qualifying marks for open recruitment: pass marks only and also 10% relaxation in written test and interview from the year 2002 onwards.
- The minimum performance level marks for promotions within the cluster is relaxed by 3 marks in case of employees belonging to SC/ ST/ Physically Challenged category.
- NTPC had launched special recruitment drive for filling up 18 backlog vacancies for PCP in Group-A Posts.

For and on behalf of the Board of Directors



(Arup Roy Choudhury)
Chairman & Managing Director

Place : New Delhi
Dated : 3rd August 2012

UNGC – Communication on Progress (2011-12)

NTPC expresses its continued support for the Global Compact and its commitment to take action in this regard, as was communicated by the Chairman & Managing Director, NTPC in his letter dated May 29, 2001 addressed to Secretary General, United Nations.

NTPC has posted the brief of Global Compact and its commitment to the principles of GC on its website at (www.ntpc.co.in). The principles of GC were communicated to all employees through in-house magazines, internal training programmes and posters. NTPC, a core member of Global Compact Network (GCN), India, (formerly known as Global Compact Society) actively participated in the Annual Convention of the Global Compact Network at Mumbai and Asia Pacific Regional Conclave at New Delhi. NTPC representative contributed as faculty for various training programmes organized by GCN for Global Compact Member Organizations in Chennai and Delhi.

NTPC is in the process of preparing its "Corporate Sustainability Report" covering Economic, Environmental and Social aspects with the "triple bottom line" approach based on widely accepted and updated Global Reporting Initiative (GRI) Guidelines.

Human Rights: Principle 1-2

NTPC, a socially responsible Corporate Citizen since its inception, started its Community Development initiatives in the form of R&R program which aim to improve the overall economic status of persons displaced or otherwise affected by our projects. Each R&R programme is based on specific local requirements and is guided by extensive socio-economic surveys.

NTPC recognized to continue community and peripheral development works through Community Development (CD) Policy where the same were closed under R&R policy. NTPC revised its CD policy in August'2010, keeping in view the changed Business environment, Global practices and guidelines issued from DPE, Ministry of Heavy Industry & Public Enterprises. In line with the CD Policy, NTPC takes up activities at Station level and Regional/ National level within the identified Basket of Activity.

As most of the Stations are located in remote rural areas, NTPC, during 2011-12, undertook activities in the neighbourhood area of stations in the areas of basic infrastructure development like primary education, community health, drinking water, sanitation, road, vocational training etc. In addition, Quality Circles (QCs) started in neighborhood villages of stations contributed to improvements in various areas. The NTPC employees participated in various activities through Employee Voluntary Organization for Initiative in Community Empowerment (EVOICE).

NTPC provided financial support for construction of Engineering College in Korba, polytechnic training centre in Kayamkulam and ITIs in Farakka and Faridabad.

23 schools run by NTPC predominately for community, benefited more than 20000 students of neighbourhood community. Various activities in more than 500 village schools like scholarships and uniforms to students and assets and infrastructure support benefited close to 60000 village children.

Assistance was provided to National Foundation for Communal Harmony (NFCH), an autonomous organization with Ministry of Home Affairs, GOI to facilitate education and rehabilitation of the child victims of communal, caste, ethnic or terrorist violence.

For Women Empowerment, skill up gradation programs in sewing for women population in the neighborhood villages to promote self-employment including providing sewing machines covering more than 300 women, and various vocational training programmes for women including Dress Designing, Beautician, Embroidery, candle making, food preservation and food processing etc. and Construction of Girls Hostel in Guntur district of AP was taken up.

Assistance was provided to Apparel Training and Design Centre (ATDC), Chhindwara for Vocational training to 45 BPL candidates.

Information and Communication Technology (ICT) centers established by NTPC Foundation at Delhi University and in four Govt. Blind Schools at Ajmer, Lucknow, Thiruvananthapuram and Mysore for providing IT education to physically & visually challenged students have benefited more than 2000 students so far. New ICT Centers at Gauhati University, Guwahati was started and MOU signed for ICT Center at Devi Ahilya Vishwavidyalaya, Indore for helping physically challenged students to learn IT Skills and move along with the mainstream society.

Disability Rehabilitation Centers (DRCs) at NTPC Tanda, Rihand, Korba, Dadri and Bongaigaon established in collaboration with NTPC Foundation and National Institute for the Orthopaedically Handicapped (NIOH), under the Ministry of Social Justice and Empowerment, Government of India have provided rehabilitation/ restorative surgery like medical interventions and surgical corrections, fitting of artificial aids and appliances and therapeutic services etc to more than 23900 cases of physically challenged persons so far.

Under Health, Mobile Health Clinic facility was started by Stations like Kayamkulam, Kawas and Talcher Thermal to provide quality health care at the doorstep of neighbourhood villages. Activities like medical camps for local villages including those for detection and treatment of respiratory diseases like TB and lung cancer and for general checkups conducted, fogging, spraying anti larva spray, and support to PHCs and Hospitals in about 300 villages during the year benefited more than 2 Lakh people. NTPC extended support for replacement of old hospital equipments at Behala Balananda Brahmachari Hospital & Research Centre, Kolkata.

Directly Observed Treatment cum Designated Microscopy Centre (DOT cum DMC) with Mobile Vans, diagnostic equipments and paramedical services started at 12 NTPC hospitals in Anta, Farakka, Kahalgaon, Korba, NCPP-Dadri, Ramagundam, Rihand, Singrauli, Sipat, Talcher-Kaniha, Unchahar and Vindhyachal for diagnosis and treatment of the Tuberculosis in the neighbourhood villages of the stations registered more than 15,100 patients and provided treatment to more than 2,400 patients so far.

NTPC provided support for relief and rehabilitation work in the flood affected area of Odisha and earthquake affected area of Sikkim, respectively. Further, NTPC Korba and NTPC Farakka arranged relief material during floods in Chhattisgarh and West Bengal respectively.

Labour Standard: Principle 3-6

For addressing the issue of labour standard in comprehensive manner, NTPC has decided to adopt international standards like SA-8000 and OHSAS-18001.

During the year 2011-12, Faridabad got Accreditation for SA 8000. Anta, Farakka, Faridabad, Kayamkulam, NCPP Dadri, Ramagundam, Rihand and Simhadri stations of NTPC got revalidated for accreditation SA-8000. Revalidation is under process at Unchahar.

Environment: Principle 7-9

NTPC has taken a number of initiatives towards preservation of the environment by providing advanced environment protection control systems, regular environment monitoring and judicious use of natural resources, adoption of high efficiency technologies.

The details of the initiatives undertaken by the Company are given under the Heading 'Environment Management- an initiative for preserving environment' in the Directors' Report.

Anti-corruption: Principle 10

The Company has a Vigilance Department headed by Chief Vigilance Officer who is a nominee of the Central Vigilance Commission. The Vigilance Department Consisting of Four Units, namely Corporate Vigilance Cell, Departmental Proceeding Cell (DPC), MIS Cell, Technical Cell (TC). These units deal with various facets of Vigilance Mechanism exclusive and independent functioning of these Units ensure transparency, objectivity and quality in vigilance functioning. The Vigilance Department submits its reports to Competent Authority including the Board of Directors. The CVO also reports to the Central Vigilance Commission as per their norms.

The details are given under the Heading 'Vigilance' in the Directors Report.

For and on behalf of the Board of Directors



(Arup Roy Choudhury)
Chairman & Managing Director

Place : New Delhi
Dated : 3rd August 2012

Annex-IX to Directors' Report

The quantity of ash produced, ash utilized and percentage of such utilization during 2011-12 from NTPC stations is as under:

Sl. No.	Stations	Ash Produced	Ash Utilization	% Utilization
		Lakh MTs	Lakh MTs	%
1	Badarpur	12.64	11.01	87.10
2	Dadri	30.10	22.47	74.67
3	Singrauli	37.93	23.24	61.28
4	Rihand	31.19	18.92	60.67
5	Unchahar	25.73	19.32	75.09
6	Tanda	13.60	8.46	62.21
7	Korba	54.07	37.44	69.24
8	Vindhyachal	62.47	28.95	46.34
9	Sipat	26.15	3.22	12.31
10	Ramagundam	42.94	26.08	60.74
11	Simhadri	28.16	16.90	60.01
12	Farakka	22.07	19.81	89.76
13	Kahalgaon	39.19	9.60	24.50
14	Talcher-Thermal	11.93	11.93	100.00
15	Talcher-Kaniha	62.35	17.94	28.77
	Total	500.52	275.29	55.00

For and on behalf of the Board of Directors



(Arup Roy Choudhury)
Chairman & Managing Director

Place : New Delhi
Dated : 3rd August 2012