

Build a clean energy future with India's Power Leader

NTPC Limited is India's largest power conglomerate with an installed capacity of 64,880 MW. Commensurate with our country's growth challenges, NTPC has embarked upon an ambitious plan to attain a total installed capacity of 130 GW by 2032.

NTPC is looking for experienced senior professionals for engagement as **Specialist (Hydrogen Energy), Specialist (Carbon Capture & Utilisation), Specialist (Energy Storage), Specialist (Solar Thermal) and Specialist (Carbon Financing) on Fixed Term Basis for a period of 03 years.** The details of eligibility criteria are as under:

A. Specialist (Hydrogen Energy) – 01 Post

Qualification: Degree in Engineering in Electrical/ Mechanical/ Electronics/ Instrumentation/ Chemical (or equivalent) or M Sc in Chemistry with at least 60% marks from a recognized institute.

Experience Requirement:

Min. 10 years of post-qualification executive experience in power/ energy sector in a Govt./Public Sector Undertaking or private company of repute, out of which atleast 3 years experience should be in relevant area. Experience of working in Research/Academic institutes in relevant area shall also be considered.

Experience Profile:

The applicant should have relevant work experience in one or more fields like O&M of hydrogen related systems, industrial hydrogen gas production and supply chain, chlor-alkali industry, electrolyser/Fuel cell manufacturing, project consultancy related to hydrogen processes and any other industry handling hydrogen. Candidates with design and project erection and commissioning experience in hydrogen related industry will be preferred.

Job Profile:

The incumbent shall be responsible for conceptualizing and implementing green hydrogen projects in India and abroad. He/She shall be responsible to design, procure, erect and commission green hydrogen projects in the field of mobility (development of green hydrogen filling stations throughout the country and operation of fuel cell electric vehicles (FCEV) fleet), off grid sites electrification/space heating using solar-hydrogen system, pilot and commercial projects on production and use of green ammonia and green methanol, blending of hydrogen in natural gas networks and all other applications related to hydrogen systems.

B. Specialist (Carbon Capture & Utilisation) - 01 Post

Qualification: Degree in Engineering in Electrical/ Mechanical/ Electronics/ Instrumentation/ Chemical (or equivalent) or M Sc in Chemistry with at least 60% marks from a recognized institute.

Experience Requirement:

Min. 10 years of post-qualification executive experience in power/energy/fertilizer or other relevant sector in a Govt./Public Sector Undertaking or private company of repute, out of which atleast 3 years experience should be in relevant area. Experience of working in Research/Academic institutes in relevant area shall also be considered.

Experience Profile:

The applicant should have relevant work experience in one or more fields like Carbon di-oxide capture and utilisation (CCU) projects, O&M of CCU projects, carbon capture unit manufacturing, project and consultancy related to CCU. Candidates with design, project erection and commissioning experience in CCU will be preferred.

Job Profile:

The incumbent shall be responsible for conceptualising and implementing Carbon Capture and Utilisation (CCU) projects in India and abroad. He/She shall be responsible to design, procure, erect and commission CCU projects in the field of green chemicals synthesis (like methanol, syngas etc.) for pilot and commercial projects.

C. Specialist (Energy Storage) - 01 Post

Qualification: Degree in Engineering in Electrical/ Mechanical/ Electronics/ Instrumentation/ Chemical (or equivalent) with at least 60% marks from a recognized institute.

Experience Requirement:

Min. 10 years of post-qualification executive experience in power/ energy sector in a Govt./Public Sector Undertaking or private company of repute, out of which atleast 3 years experience should be in relevant area. Experience of working in Research/Academic institutes in relevant area shall also be considered.

Experience Profile:

The applicant should have relevant work experience in one or more fields like electrical energy storage systems, pumped hydro storage systems, mechanical energy storage systems, hydrogen energy storage systems. Candidates with design and project erection and commissioning experience in energy storage systems will be preferred.

Job Profile:

The incumbent shall be responsible for conceptualizing and implementing energy storage systems at both utility scale and retail scale. He/She shall be responsible to design, procure, erect and commission energy storage systems like Battery energy storage systems (BESS), Hydrogen based storage systems, Pumped hydro Storage systems, Mechanical energy storage systems (Flywheels, potential energy storage systems) etc.

D. Specialist (Solar Thermal) - 01 Post

Qualification: Degree in Engineering in Mechanical or equivalent with at least 60% marks from a recognized institute.

Experience Requirement:

Min. 10 years of post-qualification executive experience in energy /process industry in a Govt./Public Sector Undertaking or private company of repute, out of which atleast 3 years experience should be in relevant area. Experience of working in Research/Academic institutes in relevant area shall also be considered.

Experience Profile:

The applicant should have relevant work experience in one or more fields like Solar Thermal Systems, Concentrated Solar Power, Solar based Combined Heat and Power (CHP) systems etc.

Job Profile:

The incumbent shall be responsible for conceptualizing and implementing Solar Thermal projects. He/She shall be responsible to design, procure, erect and commission Solar Thermal Systems like Solar Thermal Systems for heat capture and use, Concentrated Solar Power system, CHP systems and any other technology that extracts heat energy from solar and uses it for other downstream heating applications.

E. Specialist (Carbon Financing) - 01 Post

Qualification: Degree in Engineering in Mechanical/Electrical/Chemical/ Environment (or equivalent) or CA/ICWA or M.Sc. in Chemistry/Environmental Science or MA in Economics with at least 60% marks from a recognized institute. Candidates with MBA/PhD degree in relevant areas shall be preferred.

Experience Requirement:

Min. 10 years of post-qualification executive experience in power/ energy sector in a Govt./Public Sector Undertaking or private company of repute, out of which atleast 3 years experience should be in relevant area. Experience of working in Research/Academic institutes in relevant area shall also be considered.

Experience Profile:

The applicant should have relevant work experience in one or more fields like climate change and sustainability, capital & carbon market, climate finance strategies, market-based carbon finance instruments including carbon credits, carbon tax and emissions trading scheme, channeling public and private capital to sustainable investment. Candidates with experience of developing decarbonisation strategy for energy/ power sector and having led financing of low carbon and climate resilient projects related industry will be preferred.

Job Profile:

The incumbent shall be responsible for conceptualising and suggesting inputs for Climate Change strategy and introducing climate/carbon/green finance into the organization's plan. He/She shall be responsible for assessment of climate change risks and opportunities with financial implications, exploring methodologies to quantify carbon offsets and direct reduction created through green initiatives to reflect the same in GHG emission inventory and all other domains related to decarbonisation of power sector and carbon pricing and finance.

Monthly Compensation for all posts: Commensurate with nature of experience in relevant areas and expertise.

Tenure for all posts: Fixed Term Basis for a period of 3 years

Upper Age Limit for all posts: 56 years.

GENERAL CONDITIONS:

1. Only Indian Nationals are eligible to apply.
2. All qualifications should be from Universities / Institutions recognized and approved in India.
3. All computations of age/ experience requirement / qualification shall be done w.r.t. the last date of receipt of online application as mentioned in the advertisement.
4. Candidates claiming to belong to any particular category shall necessarily have EWS/OBC(NC)/SC/ST/disability certificate, as the case may be, from a Competent Authority.
5. Depending on the requirement, the Company reserves the right to cancel / restrict / curtail / enlarge the number of vacancies, if need so arises, without any further notice and without assigning any reason thereof.
6. While applying for the post, the applicant should ensure that he / she fulfills the eligibility and other norms mentioned above, as on the specified dates and that the particulars furnished are correct in all respects. In case it is detected at any stage of recruitment that a candidate does not fulfill the eligibility norms and / or that he / she has furnished any incorrect / false information or has suppressed any material fact(s), his/her candidature will stand automatically cancelled. If any of the above shortcoming(s) is / are detected even after appointment his / her services are liable to be terminated without any notice. Canvassing in any form shall disqualify the candidate.
7. The mere fact that a candidate has submitted application against the advertisement and apparently fulfilling the criteria as prescribed in the advertisement would not bestow on him/her the right to be definitely called for interview/ considered further for selection process.
8. Any proceedings in respect of any matter of claim or dispute arising out of this advertisement and / or an application in response thereto can be instituted only in Delhi and courts / tribunals / forums at Delhi only shall have sole and exclusive jurisdiction to try any such cause / dispute.
9. In case any ambiguity/dispute arises on account of interpretation in versions other than English, the English Version will prevail.

HOW TO APPLY

Interested candidates should log on to our website www.ntpcareers.net or careers section at www.ntpc.co.in for applying. No other means/ mode of application shall be accepted. Candidates are required to possess a valid email ID. NTPC will not be responsible for bouncing back of any email sent to the candidates. **There is no application fee for any post.**

After applying online, candidate is required to download the registration slip generated by the system with unique registration number. Copy of registration slip may be retained by the candidate for future reference. No document is required to be sent to us by post.

It is mandatory that eligible candidates go through the full text of the advertisement and agree to all the conditions given, while applying for the post.

Commencement of online registration of application: 18.03.2021

Last date for online registration of application: 07.04.2021



NTPC Limited
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Leading the Power Sector