



Advt. No. CC/02/2015

Date: 06.05. 2015

## Power your Career with India's Largest Power Transmission Utility

POWERGRID, the Central Transmission Utility (CTU) of India and a Navratna Public Sector Enterprise under the Ministry of Power, Govt. of India is engaged in power transmission business with the mandate for planning, co-ordination, supervision and control over complete inter-State transmission system and operation of National & Regional Power Grids. POWERGRID operates around 1,15,637 circuit kms of transmission lines along with 192 Sub-stations (as on 31.03.2015) and wheels about 50% of total power generated in the country through its transmission network. POWERGRID, with its strong in-house expertise in various facets of Transmission, Sub-Transmission, Distribution and Telecom sectors also offers consultancy services at National and International level. POWERGRID has been making profit since inception, having Gross turnover of Rs. 15,230 Crore and Net Profit of Rs. 4497 Crore (FY: 2013 - 14).

POWERGRID invites young talented Professionals with M.Tech / and PhD with bright academic background to join as Engineers and work on pioneering technologies

### VACANCIES and RESERVATION

Post ID	Qualification & Discipline	No. of Vacancies	Category-wise breakup
107	M.Tech/PhD in Computer Science or equivalent	2	2 UR
108	M.Tech in Meteorology/Atmospheric Science or equivalent	1	1 UR
109	M.Tech/Ph.D in Statistics/ Engg-Statistics or equivalent	2	1 UR, 1 SC
110	M.Tech/Ph.D in Material Science or equivalent	2	2 UR
111	M.Tech/PhD in Metallurgical & Materials Engg. or equivalent	2	1UR, 1 SC
112	M.Tech/PhD in Chemical Engg. or equivalent	2	1 UR, 1 ST
113	M.Tech/PhD in Renewable Technology/Renewable Integration or equivalent. Preference shall be given to Solar Energy	4	2 UR, 1 OBC, 1 SC
114	M.Tech/Ph.D in Thermal Engineering/ Power Engg. with specialization in Cryogenics/applied superconductivity or equivalent	2	2 UR
115	M.Tech/PhD in Electrical Engineering/ Power Systems/ Control System Engineering or equivalent	10	6 UR, 1 OBC, 2 ST, 1 SC (1-HH)*

\*1 post is reserved horizontally for HH-PD

## JOB SPECIFICATION

	For M.Tech Candidates	For PhD Candidates
Post Offered	<b>Engineer in E2A level (Rs.24900-50500)</b>	<b>Engineer in E2A level (Rs.24900-50500)</b> with 2 years of seniority weightage in E2A grade
Maximum Age (as on <b>31.05.2015</b> )	28 years	35 years
Qualification	M. Tech./ MS/ ME / M.Sc (Engg)/ IDD (Integrated Dual Degree) in the Required Discipline <sup>£</sup> with minimum 65% marks or equivalent CGPA <sup>§</sup> in B.Tech/ BE/ BSc(Engg)/ IDD/ AMIE	PhD in the Required Discipline <sup>£</sup> with minimum 65% marks or equivalent CGPA <sup>§</sup> in B.Tech/ BE/ BSc(Engg)/ IDD/ AMIE

- **The post wise profile required is mentioned below.**
- **Experience of one year or more is desirable (academic/ research experience acceptable) in case of Ph.D. candidates**
- **In cases where the required qualification is M.Tech / Ph.D., preference shall be given to Ph D holders subject to fulfillment of other conditions/ criteria.**
- Final Year candidates who are going to complete their M.Tech/ IDD degree in the academic year 2014-15 are also eligible to apply for the post.
- IDD Candidates who are appearing in final examination, must have secured the required % of marks up to pre-final examination for eligibility w.r.t. requirement of marks at BE/ BTech level.
- **PhD candidates must have submitted their thesis and finished their final viva by **31.05.2015** to be eligible for applying.**

## DISCIPLINES, SPECIALIZATION & PROFILE

Post Id	Qualification & Discipline	Profile
107	M.Tech/ PhD in Computer Science or equivalent	The candidate should have the relevant qualification with specialization with good programming skills. Candidate should have good skill on software design & development, problem solving techniques, web services, data base knowledge, data mining, networking, knowledge on computer hardware etc.

<sup>£</sup> **Required Discipline** : As mentioned in the section “Disciplines, Specialization & profile”

<sup>§</sup> **Equivalent CGPA** : As explained at points 10 & 11 in the section “General Information and Instructions”

Post Id	Qualification & Discipline	Profile
108	M.Tech in Meteorology/Atmospheric Science or equivalent	The candidate should have the relevant qualification with specialization with a good level of domain knowledge. Candidate should have good skills in weather data monitoring & analysis, forecasting, investigation of atmospheric phenomena and IT. Proficiency in programming languages related to metrological analysis is also essential.
109	M.Tech/Ph.D in Statistics/ Engg-Statistics or equivalent	The candidate should have the relevant qualification with specialization with a good level of mathematical ability. Candidate should have good IT skills, ability to organize, analyze, model and interpret data, strong problem-solving skills. In-depth understanding of database architecture, statistical tools & techniques, data mining, data analysis and proficiency in programming languages related to statistics is also essential.
110	M.Tech/Ph.D in Material Science or equivalent	The candidates having specialization/ research area in Electron Microscopy/ Structural Materials/ Nano Materials/ Magnetic Materials are desirable
111	M.Tech/PhD in Metallurgical & Materials Engg. or equivalent	The candidate should have the relevant qualification with specialization in metal composition and metal alloys in ferrous metallurgy. Candidate should have good knowledge on selection of material composition for various thermal applications including corrosion and erosion effects. Knowledge on metals for chemical application shall be preferable. Knowledge on analysis of metals, testing and interpretation of laboratory test results is a must. Proficiency on computer and software/programming language related to material selection for design of heat exchangers and other energy saving options.
112	M.Tech/PhD in Chemical Engg. or equivalent	The candidate should have the relevant qualification with specialization having good knowledge in industrial manufacturing process using chemicals. Candidate should have knowledge in exothermic and endothermic reactions in various process industries such as iron and steel making, oil refineries, cement, chlor alkali, fertilizer, paper and pulp and textile industries etc. including process efficiency improvement. Proficiency on computer and software/programming language related to material selection for design of heat exchangers and other energy saving options is desirable.

Post Id	Qualification & Discipline	Profile
113	M.Tech/PhD in Renewable Technology/Renewable Integration or equivalent. Preference shall be given to Solar Energy	The candidate should have the relevant qualification with specialization with a high level of domain knowledge and Post Graduate/ Graduate in electrical engineering. Candidate should have good knowledge on generation from renewable energy sources, modeling of renewable technology, integration of renewable energy, renewable generation forecasting etc. Candidate should also have electrical engineering background with IT skills and proficiency in programming languages related to renewable.
114	M.Tech/Ph.D in Thermal Engineering/ Power Engg. With speicalization in Cryogenics/applied superconductivity or equivalent	The candidates having specialization/ research area in Superconducting Applications are desirable
115	M.Tech / PhD in Electrical Engineering/ Power System/ Control System Engineering or equivalent	The candidates having specialization/ research area in Power Systems Analysis/ Dynamics/ Control/ Modelling/ Protection/ Transients are desirable.

## RELAXATIONS AND CONCESSIONS

1. Reservation/Relaxation/ Concession to candidates belonging to different categories shall be as per Government of India directives.

**2. Relaxation in Upper Age Limit:**

- a) For SC/ST candidates : 5 years (Only in case of vacancy reserved for SC/ST)
- b) For OBC(NCL) candidates : 3 years (Only in case of vacancy reserved for OBC)
- c) For PwD candidates : 5 years over and above category relaxation
- d) J&K Domicile / Ex-Servicemen/ Victims of riots : As per Govt. of India directives

3. **Relaxation in percentage of marks in required qualification** : Requirement of 65% marks in B.Tech./ BE / B.Sc.(Engg.)/ IDD/ AMIE **is relaxed to pass marks in case of SC/ ST/ PwD (HH-PD) candidates subject to reservation of posts** as indicated in Vacancies & Reservations section on Page-1 of this advertisement.
4. **Relaxation/ Concession for J&K Domicile / Ex-Servicemen/ Victims of riots** will be subject to submission of Age relaxation cum Domicile certificate /Discharge certificate in the prescribed format issued by a competent authority alongwith the application and at time of interview, if called for.
5. Ex-Servicemen with a minimum of six month continuous service are allowed age relaxation to the extent of the period spent in service plus three years subject to the condition that the resultant age after deducting his period of service from his actual age does not exceed the prescribed age limit by more than three years.
6. **Reservation/ Relaxation / Concession for SC / ST candidates** will be subject to submission of Caste certificate in the GOI prescribed format issued by a competent authority alongwith the application and at time of interview, if called for.
7. **Reservation/ Relaxation for OBC (NCL)** will be subject to submission of a copy of OBC (NCL) certificate alongwith NCL declaration in the format prescribed by the Govt. of India for "Appointment to Posts under Govt. of India" from a competent authority alongwith the application and at time of interview, if called for.
8. **Reservation/ Relaxation / Concession for Persons with Disability** is subject to submission of Disability Certificate issued by a Government Medical Board alongwith the application and at time of interview, in the format prescribed by Govt. of India, if called for.
9. Categories / Sub-categories of PwD eligible shall be as identified under Govt. of India notification. Persons suffering from not less than 40% of the relevant disability shall only be eligible for the reservation/ relaxation/ concession benefit for PwD as may be applicable.
10. SC/ST/PwD/ Ex-SM candidates are exempted from payment of application fees.

## SELECTION PROCESS

The selection process shall consist of Scrutiny of Applications and Personal interview of shortlisted candidates. Applications of candidates shall be scrutinized and shortlisted on the basis of their academic background as mentioned below:

- Discipline/stream/ specialisation of technical qualifications, their equivalence in respect to our specification and relevance for the job description/ profile.
- Topic/ Subject/ quality of the thesis(for PhD)/ final project (for M.Tech) as judged from the abstract/ synopsis sent by the candidates
- Marks obtained by the candidate in the essential qualification (for M.Tech )

***“The Management reserves the right to raise the minimum eligibility standards/criteria and/or to conduct a screening test, to restrict the number of candidates to be called for Personal Interview, if so required.”***

The decision of POWERGRID regarding scrutiny of application and shortlisting shall be final and binding.

Shortlisted Candidates will have to qualify in the Interview to be adjudged suitable for empanelment for Appointment. The qualifying marks in interview shall be as given below:

UR – 40%,

SC/ST/OBC(NCL)/ PwD (HH-PD) – 30% *(Depending on reservation of the post for the category)*

Candidates shall have the option for appearing the Personal Interview in Hindi or English.

### **Empanelment of Candidates:**

Candidates who qualify in the Personal Interview will only be adjudged suitable for empanelment.

The Offer of Appointment shall be issued to the suitable candidates in the order of category wise merit and based on requirement.

Appointment of selected candidates will be subject to their being found medically fit in the Pre-Employment Medical Examination.

## **HEALTH**

Applicants should have sound health. No relaxation in POWERGRID Medical Norms is allowed. For details of standards on medical fitness, please visit career section of our website : [www.powergridindia.com](http://www.powergridindia.com).

## **COMPENSATION PACKAGE**

The Corporation offers a very attractive package and is one of the best in the Industry. Selected candidates will be placed in the pay scale of INR 24900-50500. The CTC\* per annum approximately shall be INR 14.02 Lakhs.

Compensation package includes Basic Pay, Dearness Allowance, Perquisites and Allowance as per cafeteria approach, Performance Related Pay, Company Leased Accommodation / Company Quarters or HRA, Reimbursement of monthly conveyance expenditure, mobile facility, etc.

The Corporation also offers excellent facilities like Short and Long term Loans & Advances including House Building Advance, Medical facilities for self and dependents, Group Insurance, Personal Accident Insurance, PF, Gratuity, Pension & Leave encashment.

*\* CTC mentioned above is only indicative. Actual CTC shall depend on place of posting and other terms & conditions of appointment.*

## **HOW TO APPLY**

- Application window for POWERGRID shall be open from 11.05.2015 to 31.05.2015.** Candidates have to register themselves online at CAREER section of POWERGRID website [www.powergridindia.com](http://www.powergridindia.com).

2. An application fee of Rs.400/- is payable by candidates (other than SC/ST/PwD/Ex-SM) through a non-refundable A/C Payee Demand Draft in favour of "Power Grid Corporation of India Ltd.", payable at New Delhi (preferably drawn on State Bank of India).
3. Candidates should ensure the following while filling up the online registration form:
  - Details of the Demand Draft are entered correctly.
  - Qualification Details are complete.
  - Brief Details of experience (if any) are mentioned separately for each organization alongwith area of experience.

On submission of valid application, the system will generate a "Resume" with a **registration number**, which then has to be downloaded, signed, photograph affixed and sent **through ordinary post** along with following enclosures.

4. **Documents to be sent alongwith hard copy of application / resume (Self-attested copies):**
  - a) A/c Payee DD (Not applicable for SC/ST/PwD/Ex-SM candidates)
  - b) Documents related to Essential Qualification for Graduation in Engg. (BE/B.Tech/BSc Engg Degree/IDD/ AMIE : Passing Certificate & Mark sheets.)
  - c) Documents related to Essential Qualification - M. Tech./ MS/ ME/ M. Sc. Engg./ IDD / Ph.D. (Passing Certificate and Mark sheets)
  - d) Certified abstracts/ Synopsis of Final Project of M. Tech. / Thesis of Ph. D.
  - e) Certificate FROM INSTITUTE / GUIDE i.r.o. Ph. D. candidates (who are yet to get doctorate) that they have submitted their thesis and finished their final viva by the last date of online submission of application.
  - f) Mark sheets up to pre-final examination indicating aggregate CGPA / Percentage up to pre-final examination i.r.o. Final year/ semester appearing candidates of AY - 2014-15 of M.Tech/ IDD.
  - g) Documents related to Other Qualifications (Passing Certificate and Mark sheets)
  - h) Documents related to Experience (**Present as well as Previous, if any**)
    - **Experience / Service Certificate: Proof** of experience indicating post held, period of service, pay scale/ emoluments & **area of experience/ details of research area/ details of work assignment.**
    - Latest Pay Slip
    - **All proof of experience shall be duly certified by the organization concerned and self-attested by candidate.**
  - i) Proof of Date of Birth(X class certificate/ Birth Certificate)
  - j) Caste (SC/ST/OBC-NCL) Certificate for claiming Reservation/ Relaxation/concessions (as applicable)
  - k) Discharge Certificate (If applicable)
  - l) Disability Certificate (If applicable)
  - m) Any other relevant document

**Candidate will have to produce the originals for verification at the time of interview, if called for.**

5. The application and the enclosures should be sent to the address mentioned below in an envelope by ordinary post only.

**To  
The Advertiser (PG),  
Post Box No. 9248,  
Krishna Nagar Head Post Office  
DELHI - 110051**

On the top of the envelope the following should be clearly mentioned.

“Application for the post of **ENGINEER**, Post ID- <Post ID>”

**Last Date of receipt of Hard Copy of Application (Online generated Resume) is 15.06.2015.**

**Candidates should write their Name, Registration No., Post ID, Post applied for, on the reverse of the bank draft.**

All Candidates are requested to ensure that the Hard Copy of the Application (Resume) generated after submission of online Application are to be sent by **Ordinary Post** and NOT by any other means like Courier, Speed Post, Registered Post etc. and to any other address, since the Resume is being received in a Post Bag. Candidates should send the hard copy well in advance in order to avoid last minute postal delay.

Candidates should submit only single application for a post and application once submitted cannot be altered. A valid e-mail ID is essential for submission of the online application. POWERGRID will not be responsible for bouncing of any e-mail sent to the candidates.

Candidates are advised to make a note of their e-mail ID as entered in the application form and Registration Number generated at the top right hand corner of the 'Resume'. These would be required for accessing information during the later stage of the recruitment process.

Once applied, the applicants are advised to check the web site as well as their registered e-mail regularly for any updates.

## GENERAL INFORMATION AND INSTRUCTIONS

1. Only Indian Nationals of age 18 years or above are eligible to apply for POWERGRID.
2. Before applying, the candidate should ensure that she / he fulfills the eligibility criteria and other norms mentioned in this advertisement.
3. Essential qualification should be recognized in India and from a recognized Institution or University.
4. Application Fee is non-refundable even if the candidature is rejected for any reason.
5. All photocopies of documents submitted along with the hard copy should be self-attested by the candidate.
6. **Applications** that are **not in conformity** with the requirements indicated in the advertisement, incomplete applications, unsigned, without Photograph / Demand Draft or **without necessary document proofs** as prescribed and those **received after 15.06.2015 will be rejected.**



7. Applications in which the essential qualification cannot be fully ascertained will be liable for rejection. Hence candidates are advised to properly fill the application and enclose necessary documents as asked for.
8. Candidates claiming reservation under OBC (NCL) should belong to OBC- Non creamy layer as on last date of online submission of application to POWERGRID.
9. Vacancies may vary depending upon the requirement.
10. Wherever CGPA/OGPA/DGPA or Letter Grade in a degree / diploma is awarded, its equivalent percentage of marks must be indicated in the application form as per norms adopted by University / Institute.
11. Percentage of marks obtained by the candidate in the bachelor's degree shall be calculated based on the practice followed by the university/institution from where the candidate has obtained the degree. In case the candidates are awarded grades/CGPA instead of marks, the conversion of grades/CGPA to percentage of marks shall be based on the procedure certified by the university/institution from where they have obtained the bachelor's degree.

In case the university/ institution does not have any scheme for converting CGPA into equivalent marks, the equivalence would be established by dividing the candidate's CGPA by the maximum possible CGPA and multiplying the result with 100.

12. All computations of Age, Qualification, Experience etc., shall be as on **Last Date of Submission of Online Application i.e. 31.05.2015**. Date of issuance of final mark sheet shall be taken as the date of acquiring qualification.
13. If any certificate etc. is issued in a language other than Hindi/English, candidates are advised to submit a certified translation of the same in either Hindi or English language along with the hard copy of the application and also at the time of Interview, if called for.
14. Candidates working in Govt. / PSU are required to produce "No Objection Certificate" at the time of Interview.
15. Management reserves the right to consider applicants for placement at a position lower than the advertised post, if suitable candidates are not available for the advertised positions
16. Management reserves the right to cancel / restrict /enlarge / modify / alter the recruitment/ selection process, if need so arises, without issuing any further notice or assigning any reason thereafter.
17. In case of Screening Test, details of test centre, venue shall be intimated to candidates.
18. Candidates selected in POWERGRID are liable to be posted anywhere in India and Abroad.
19. For any queries regarding this recruitment please send email to [recruitment@powergrid.co.in](mailto:recruitment@powergrid.co.in). Candidates are required to add this email-id to their address book in order to avoid any email communication gap. Please write **"M.Tech./ Ph.D - <subject matter>"** In the subject line of e-mail.

20. No correspondence regarding this recruitment made in Complaint Management System of POWERGRID, will be entertained.
21. Complaints attributable to the incompatibility of the Client Systems, ignorance of users, non-availability of internet connectivity or any other aspects beyond the direct control of POWERGRID employees or systems will not be entertained.
22. Mere submission of Application does not guarantee the adequacy of candidature for being considered for further selection process. Candidature shall be considered valid only after receipt of hard copy of application along with the required documents at the address specified in the **How To Apply** section by the scheduled date.
23. **POWERGRID will not be responsible for any postal delay or loss of application in transit.**
24. Candidature is liable to be rejected at any stage of recruitment/ selection process or after joining, if any information provided by the candidate is not found in conformity with the eligibility criteria notified or if POWERGRID comes across any evidence/knowledge that the qualification/ experience /and any other particulars indicated in application/other forms/formats are not recognized/ false/ misleading and / or amounts to suppression of information/particulars which should have been brought to the notice of POWERGRID.
25. Legal jurisdiction will be NCT of Delhi in case of any cause / dispute.
26. All information regarding this recruitment process would be made available in the career section of POWERGRID website only. Applicants are advised to check the web site periodically for important updates. Once registered for POWERGRID, all correspondences shall be made through their registered e-mail ID or candidate login only.

## IMPORTANT DATES

<b>Commencement of Online Submission of Application to POWERGRID</b>	<b>11.05.2015</b>
<b>Last date for Online submission of Application to POWERGRID</b>	<b>31.05.2015</b>
<b>Last Date for Receipt of Hard Copy of the Application</b>	<b>15.06.2015</b>

***Driven by Technology: Powered by Professionals***