



**NORTHERN POWER DISTRIBUTION COMPANY OF TELANGANA LIMITED.  
VIDHYUTH BHAVAN :: CORPORATE OFFICE :: WARANGAL.**

**NOTIFICATION No. 01/2022, Dt:17-06-2022**

**DIRECT RECRUITMENT FOR THE POSTS OF  
ASSISTANT ENGINEER (ELECTRICAL)**

Northern Power Distribution Company of Telangana Ltd. (TSNPDCL) incorporated under the Companies Act, 1956 as a Public Limited Company on 30-03-2000 with head quarters at Warangal is carrying out electricity distribution business as part of the unbundling of erstwhile A.P.S.E.B and re-organisation of the state of Andhra Pradesh and formation of the state of Telangana is catering to the electricity requirements of 18 districts in Telangana State viz., Warangal, Hanumakonda, Jayashankar-Bhupalpally, Mulugu, Jangaon, Mahabubabad, Karimnagar, Rajanna-Sircilla, Peddapally, Jagtial, Khammam, Bhadradi Kothagudem, Nizamabad, Kamareddy, Adilabad, Mancherial, Nirmal and Kumuram-Bheem Asifabad invites applications from the eligible and qualified candidates for the posts of "Assistant Engineer (Electl.).

**PARA-I :**

1. Applications are invited On-line from qualified candidates through the proforma Application to be made available on <http://tsnpdcl.cgg.gov.in> to the post of Assistant Engineer (Electrical).

- i) Starting Date for Payment of Fee On-Line ----- 27-06-2022
- ii) Starting Date of Application Submission On-Line ----- 27-06-2022
- iii) Last Date For Payment of Fee On-Line ----- 11-07-2022 (Up to 5:00 PM)
- iv) Last Date for Submission of On-Line Application ----- 11-07-2022 (Up to 11:59 PM)
- v) Downloading of Hall-Tickets from ----- 06-08-2022 onwards
- vi) Date of Examination ----- 14-08-2022  
From 10.30 AM to 12.30 PM

2. The candidates who possess requisite qualification may apply On-line by satisfying themselves about the terms and conditions of this recruitment. The details of vacancies are given below

Sl. No.	Name of the Post	Direct Recruitment			Age as on 01-01-2022 (Min-Max)	Scale of the Post (in Rs.)
		LR	GR	Total		
1	Assistant Engineer (Electrical)	4	78	82	18 yrs – 44 yrs	64295-2655-69605-3100-85105-3560-99345

**LR:** Limited Recruitment; **GR:** General Recruitment.

(The details of vacancies for AE(Electrical) Community-wise and Gender-wise (General/Women) may be seen at Annexure-I.

**IMPORTANT NOTE :** The number of vacancies are subject to variation.

**3. EDUCATIONAL QUALIFICATIONS:**

Applicants must possess the qualifications from a recognized University as detailed below or equivalent thereto **as on the date of Notification.**

Name of the Post	Educational Qualifications
Assistant Engineer/Electrical	Must possess a Bachelors Degree in Electrical Engineering/Electrical and Electronics Engineering of a Recognized University in India established or incorporated by or under a Central Act, Provincial Act, or a State Act <b>(or)</b> an Institution recognized by the University Grants Commission / AICTE <b>(or)</b> any other qualification recognized as equivalent thereto <b>(or)</b> a pass in Section-'A' & 'B' of A.M.I.E. examination conducted by Institute of Engineers in Electrical/ Electrical and Electronics Engineering.

**4. AGE:** Minimum 18 years and maximum 44 years. **The age is reckoned as on 01.01.2022 .**

The Upper age limit is raised up to 10 years i.e., from 34 to 44 years as per the G.O.Ms.No.42, General Administration (Services-A) Department Dt:19.03.2022.

The Upper age limit of 44 years is relaxable up to 5 years in respect of SC/ST/BC/ EWS candidates and up to 10 years in respect of Physically Handicapped candidates.

**5. Application and Examination Fee:** Each applicant must pay Rs.200/- (RUPEES TWO HUNDRED ONLY) towards Online Application Processing Fee. This apart, the applicants have to pay Rs.120/-(RUPEES ONE HUNDRED AND TWENTY ONLY) towards Examination Fee. However, the Applicants belonging to SC/ST/BC Communities, PH and applicants belonging to EWS (Economically Weaker Sections) are exempted from payment of examination fee.

Note: Applicants belonging to other States are not exempted from payment of Examination Fee

The fee once remitted shall not be refunded or adjusted under any circumstances. Failure to pay the examination fee, application fee wherever applicable will entail the total rejection of application.

**PARA-II : CENTRES FOR THE WRITTEN EXAMINATION :**

The written examination for recruitment of Assistant Engineer (Elecl.) will be held at different centres located in the GHMC area.

**PARA-III : HOW TO APPLY :**

Please read the following Annexures appended to the Notification before filling the application form.

- Annexure-I : Breakup of Vacancies
- Annexure-II : Scheme & Syllabus of written examination
- Annexure-III: Proformas of School Study Certificate and Certificate of Residence (If not studied in School through Regular mode)

**HOW TO MAKE PAYMENT OF FEE AND SUBMIT APPLICATION FORM:**

**Step (I) :- Payment of Fee:** The Candidate has to visit the website <http://tsnspdcl.cgg.gov.in> to view the detailed notification and User Guide. The prescribed fee mentioned at Para-I (5) is to be paid online by visiting the link MAKE PAYMENT in the website duly following online instructions and obtain Fee paid receipt with Journal Number in the first instance.

**IMPORTANT NOTE:** The applicant should ensure that the Certificates viz., SSC, Community etc., are available on hand while filling up the particulars at the time of payment of fee. The Name and Date of Birth should be filled as per SSC Certificate and Community i.e SC/ST/BC-A/BC-B/BC-C/BC-D /BC-E and OC or OC-EWS as per the Certificate issued by Govt. of Telangana. The particulars which are filled at the time of payment of fee will be carried over to the online application form and cannot be altered. The candidate need to fill only the other particulars as asked in the online application form.

**Step (II):- Submission of Application:** After payment of Fee, the Candidate has to visit the website <http://tsnspdcl.cgg.gov.in> to view the detailed notification and User Guide. The applicants has to click on the link SUBMIT APPLICATION and provide payment details (Journal number and date) and Date of Birth details and then invariably fill all the relevant fields in the Application along with uploading the scanned copy of passport size photograph with signature (see instructions for scanning and uploading photograph with signature). Immediately on submission of application, applicant will get an acknowledgement in the form of a downloadable pdf document.

**NOTE:**

1. TSNPDCL is not responsible for any discrepancy in Bio-data particulars while submitting the application form through On-line. The applicants are therefore advised to strictly follow the instructions and User guide on their own interest before submitting the application.
2. The particulars furnished by the applicant in the Application Form will be taken as final and data-entry is processed based on these particulars only by Computer. Candidates should therefore, be very careful in Uploading / Submitting the Application Form On-line.
3. Incomplete / Incorrect Application Form will be summarily rejected. The information if any furnished by the candidate subsequently in any form will not be entertained by TSNPDCL under any circumstances. Applicants should be careful in filling-up the application form and submission. If any lapse is detected during the scrutiny, the candidature will be rejected even though he/she comes to the final stage of recruitment process or even at a later stage.
4. Before Uploading / Submission of Application Form, the candidates are required to go through the detailed notification and should carefully ensure his/her eligibility for this examination. No relevant column of the Application Form should be left blank, otherwise application form will be rejected.
5. Hand written/ Typed/ Photostat copies/ Outside printed Application Forms will not be accepted and liable for rejection.

6. Candidates are required to retain a copy of the filled-in application form with Reference ID for future reference.
7. Candidates have to submit application only through online mode well in advance of the last date to avoid last day rush.
8. Only applicants willing to serve anywhere in the rural areas of TSNPDCL jurisdiction for a period of 5 years should apply.
9. For any problems related to Online submission and downloading of Hall-Tickets please contact **Help Desk No. 0870-2461030** (Call Timings:10:30 A.M to 1:00 P.M & 2:00 P.M to 5:00 P.M) or log on to <http://tsnprdcl.cgg.gov.in> and click on to complaint box.

**PARA –IV : GENERAL PROVISIONS :**

1. Before payment of fee, submission of application form, the candidates should carefully ensure his/her eligibility for this notification. No relevant column of the application form should be left blank; otherwise application form will not be accepted.
2. Applicant must compulsorily fill up all the relevant fields of application and submit application through website only.
3. TSNPDCL is not responsible for any discrepancy in submission of application through Online. The applicants are therefore, advised to strictly follow the instructions and User guide in their own interest.
4. Incomplete/Incorrect application form will be summarily rejected. TSNPDCL under any circumstances will not entertain the information if any furnished by the candidate subsequently. Applicants should be careful in filling up of the application form at the time of submission. If any lapse is detected during the scrutiny, the candidature will be rejected even though he/she comes through final stage of recruitment process or even at a later stage.
5. Applicants must compulsorily fill up all relevant columns of application and submit the application through website only. The particulars made available in the website shall be processed through Computer and the eligibility decided in terms of notification.
6. The Applications received online in the prescribed proforma available in the website and within the time shall only be considered and TSNPDCL will not be held responsible for any kind of discrepancy.
7. Applicants must upload his / her own scanned photo and signature through jpg format in the following steps :

**INSTRUCTIONS FOR SCANNING OF PHOTOGRAPH WITH SIGNATURE :**

Photograph
Signature

Photo width=3.5 cm  
 Photo Height= 4.5cm  
 Signature Space = 1.5 cm

- i) Paste the Photo on any white paper as per the above required dimensions. Sign in the Signature Space provided. Ensure that the signature is within the box.
- ii) Scan the above required size containing photograph and signature. Please do not scan the complete page.
- iii) The entire image (of size 3.5 cm by 6.0 cm) consisting of the photo along with the signature is required to be scanned and stored in **\*.jpg** format on local machine.
- iv) Ensure that the size of the scanned image is not more than 50KB.
- v) If the size of the file is more than 50 KB, then adjust the settings of the scanner such as the dpi resolution, no. of colours etc., during the process of scanning.
- vi) The candidate has to sign in full in the box provided. Since the signature is proof of identity, it must be genuine and in full; initials are not sufficient. Signature in CAPITAL LETTERS is not permitted.
- vii) The signature must be signed only by the candidate and not by any other person.
- viii) The signature will be used to put on the Hall Ticket and wherever necessary. If the candidate's signature on the answer script, at the time of the examination, does not match the signature on the Hall Ticket, the candidate will be disqualified.

**Sample Photo and Signature :**



***e.g. The Technical Specifications*** the sample scanned image shown above are:

- Size of the file < 50 KB
- Dpi setting = 200 dpi
- True Colour

The candidate has to upload his/her **Photo with Signature** in the prescribed format by clicking on the **browse** button at the time of submission of application form.

8. The applicants should not furnish any particulars that are false, tampered, fabricated or suppress any material information while making an application through website.

9. All the essential certificates issued by the competent authority of Telangana State shall compulsorily be kept with the applicants to produce as and when required to do so. Failure to produce the required certificates on the day of verification will lead to disqualification.

10. **Important** : The claim of the candidates with regard to the date of birth, educational / technical qualifications, community and EWS and Physically Handicapped status are accepted only provisionally on the information furnished by them in their application form and is subject to the verification and satisfaction of TSNPDCL. Mere admission to any test or inclusion of the name of a candidate in a merit list will not confer on the candidate any right for appointment. The candidature is therefore provisional at all the stages and TSNPDCL reserves the right to reject candidature at any stage of the selection even after the advice has been made.

11. The applications received online in the prescribed proforma available in the website and within the time shall only be considered and the TSNPDCL will not be held responsible for any kind of discrepancy.

12. The following Certificates must be kept ready by the candidates at the time of submitting the application online and should be produced for the purpose of verification.

- i) Date of Birth Certificate (SSC)
- ii) School Study Certificates (From Class-I to Class-VII)
- iii) Graduation Certificate along with marks.

The following Certificates obtained from Govt. Of Telangana in prescribed proforma should be produced by the candidates at the time of verification of certificates.

iv) Permanent Community certificate in original obtained from Govt. of Telangana State in respect of SC/ST & BC candidates clearly indicating the Sub-Caste and group. Further, candidates claiming to be belonging to B.C. have to produce a certificate regarding their exclusion from the Creamy Layer from the Competent Authority (Tahsildar).

v) Candidates claiming to be belonging to Economically Weaker Sections (EWS) shall obtain a Certificate issued by the Tahsildar concerned as per G.O.Ms.No.244, General Administration(SER-D) Department, Dt.24-08-2021 and other guidelines/instructions issued by Govt.

vi) Certificate of Residence/Nativity (if not studied in School through Regular mode) (Proforma attached)

vii) No Objection Certificate from the Employer (If employed anywhere)

The following Certificate in respect of PH candidates (whichever applicable) should be obtained from competent Medical Authority for the purpose of verification in SADAREM format:

- i) Medical Certificate for the Blind
- ii) Certificate of Hearing Disability and Hearing Assessment
- iii) Medical Certificate in respect of Orthopedically Handicapped candidates
- iv) Medical Certificate for Multiple Disabilities

**Note:** Candidates must provide correct details in the application form failing which candidature will be invalidated.

For eg: If a candidate has entered the community as BC-B in the online application and whereas at the time of Certificate Verification he produced BC-A Certificate to the TSNPDCL, then his candidature for BC-B is rejected and BC-A will not be accepted at that stage. He will be considered only for OC(General) category for selection process, if otherwise eligible according to rules. If a candidate has entered the reservation details as belonging to EWS in the online application and whereas at the time of Certificate Verification he did not produce EWS Certificate then his candidature for EWS is rejected and will be considered only against OC (General) category.

13. Candidates will be required to appear for written test as and when conducted at their own cost.

14. Written Test will be conducted in ENGLISH language only.

15. Mere admission for written test or calling the qualified candidates in the written test to furnish documentary proof does not confer any right for appointment.

16. The decision of the Selection Committee / TSNPDCL is final in selection and allotment of candidates.

#### **PARA-V : IMPORTANT PROVISIONS GOVERNING THE RECRUITMENT PROCESS :**

- 1) **Vacancies** : The Recruitment will be made to the vacancies notified subject to variation and orders in force.
- 2) **Recruitment** : The Recruitment will be processed as per this notification and also as per the rules and Regulations/Orders of TSNPDCL existing as on date.
- 3) **Rules** : All are informed that various conditions and criterion prescribed herein are governed by the Rules and Regulations/Orders existing in TSNPDCL.
- 4) **Transparency in Recruitment** : The whole Recruitment and selection process is carried out with utmost secrecy and confidentially so as to ensure that the principle of merit is scrupulously followed. A candidate shall be disqualified for appointment, if he/she himself/herself or through relations or friends or any others has canvassed or endeavoured to enlist for his/her candidature, extraneous support, whether from official or non-official sources for appointment to this service.
- 5) **For 95% of the posts, preference shall be given to the Discom candidates.**
- 6) **Employed** : The Persons already in Government service /Power Utilities/ Autonomous bodies / Govt. Aided Institutions etc., whether in permanent or temporary capacity or as work charged employees are required to inform in writing to the Head of Office / Department as the case may be and required to submit "No Objection" from the concerned Head of Office / Department to apply for this recruitment.
- 7) **Caste & Community** : The Community Certificate issued by the competent authority (obtained from the Government of Telangana) should be submitted at appropriate time in respect of SC & ST candidates. In respect of candidates belonging to Backward classes are required to produce Community Certificate (BC-A, BC-B, BC-C, BC-D & BC-E) from competent authority i.e., from Tahsildar in the State of Telangana not below the rank of Deputy Tahsildar. **No**

**person who professes a religion different from Hinduism shall be deemed a member of Scheduled Caste.**

**Note:** The applicants belonging to other states are not entitled for any kind of reservation.

- 8) **Reservations:** The following percentages of reservations are applicable subject to the orders of the Government from time to time.

EWS-10% - Economically Weaker Sections means the persons who are not covered under the scheme of reservations for the SCs, STs and BCs and whose family has gross annual income below Rs.8.00 Lakh(Rupees eight lakh only) are identified as Economically Weaker Sections for the benefit of reservation. The persons seeking benefit of reservation under EWS category shall obtain the necessary Certificate from the Tahsildar concerned, as per the Orders issued by Govt. The EWS certificate has to be produced at an appropriate time. In case of failure to produce the same on the day of verification of certificates, the candidature against EWS will be rejected and will be considered against OC (General) category as per his eligibility.

BC-25% + **4%** Reservation to BC-E group will be subject to the adjudication of the litigation before the Hon'ble Courts including final orders in Civil Appeal No.(a) 2628-2637 of 2010 in SLP.No.7388-97 of 2010 dated 25.03.2010 and orders from the Government.

SC- 15%,

ST- 6%,

PH- 4% - Reservation will be applicable for candidates with requisite percentages specified by the Government/existing Rules of TSNPDCL

Women- 33 1/3 % reservation is applicable as per rules.

9. **Creamy Layer:** In terms of G.O.Ms.No.8, Backward Classes Welfare (OP) Department,dt.13.11.2014, Govt. of Telangana, as adopted by TSTRANSCO vide T.O.O.(CGM-HRD-Per) Ms.No.188,dt.22.09.2015 and subsequently adopted by TSNPDCL, the candidates claiming to be belonging to Backward classes have to produce a certificate regarding their exclusion from the Creamy Layer from the Competent Authority (Tahsildar). The certificate excluding from the Creamy Layer has to be produced at an appropriate time. B.C. candidates whose parents income is less than limit prescribed by the Government of Telangana come under non creamy layer. In case of failure to produce the same on the day of verification of certificates, the candidature will be rejected without further correspondence.

10. The candidates who have obtained Bachelors Degree in Engineering through Open Universities are required to have recognition by the University Grants Commission/ AICTE/DEC as the case may be. Unless such Degrees have been recognized by the relevant statutory authority, they will not be accepted for purpose of educational qualification. The onus of proof of recognition by the relevant Statutory authority that their Degrees/Universities have been recognised rests with the candidates.

The Decision of TSNPDCL on equivalency and relevant qualification shall be final.



**PARA-VI : RESERVATION TO DISCOM CANDIDATES :**

Reservation to the Discom candidates (candidates belonging to Districts falling within the jurisdiction of TSNPDCL) is applicable as provided in the Rules in TSNPDCL and as amended from time to time in force on the date of notification. The candidates claiming reservation as Discom candidates should obtain the required Study certificates (from class I to VII) or Residence Certificate in the proforma only for those candidates who have not studied in any Educational Institutions as the case may be. The relevant certificates issued by the competent authority may be got ready and kept with the candidates as and when required.

1. A candidate for direct recruitment to any post shall be regarded as a discom candidate in relation to the Discom area on the following conditions:

(i). Where a candidate has studied in an Educational institution(s) recognized by the State Government or any competent authority in such Discom area for a period of not less than four consecutive academic years from 1<sup>st</sup> Class to Seventh Class examination or an examination declared by the State Government to be equivalent to the Seventh Class Examination.

(ii). Where a candidate has studied in Educational Institution(s) recognized by the State Government or any competent authority upto Seventh Class in two or more Districts which are equal, the Districts where the candidate has studied for a maximum time period falling in the Discom area will be considered for deciding the Discom candidature in such equal periods.

(iii). In cases where the candidate has studied in Educational Institution(s) recognized by the State Government or any competent authority in various Districts from first Class to Seventh Class, the Districts where he/she has studied for the maximum time period is considered for deciding the Discom candidature of that candidate.

(iv). Similarly, if the candidate has not studied upto Seventh Class in any Educational Institution(s), but acquired higher educational qualification, the place where the candidate resided from the age of 5 years to 12 years will be taken into consideration and Discom candidature is determined with reference to the maximum period of residence or in the case of equal periods of residence where the candidate has resided last in such equal periods.

(v). In cases, where Visually Handicapped and Hearing Handicapped persons studied in the special schools meant for them, the ordinarily residing place of the parents of such Visually Handicapped and Hearing Handicapped persons shall be taken into consideration for determining the Discom candidature.

2. The following are the Districts falling within the jurisdiction of TSNPDCL.

<b>Discom</b>	<b>Districts covered in Discom Area</b>
TSNPDCL	Warangal, Hanumakonda, Jayashankar-Bhupalpally Mulugu, Jangaon, Mahabubabad, Karimnagar Rajanna-Sircilla, Peddapally, Jagtial, Khammam, Bhadradi Kothagudem, Nizamabad, Kamareddy, Adilabad, Mancherial, Nirmal and Kumuram-Bheem Asifabad Districts.

**NOTE:**

Residence certificate will not be accepted, if a candidate has studied in any Educational Institution up to 7<sup>th</sup> Class or equivalent examination, such candidates have to produce study certificates invariably.

**PARA-VII - SCHEME OF EXAMINATION :**

The written test shall comprise 100 marks consisting of 100 multiple choice questions and each question carrying 1 mark. The section A consisting of 80 questions on core technical subject and the section B consisting of 20 questions on General Awareness and Numerical Ability and History related to Telangana Culture & Movement.

The duration of the written examination will be 2 hrs. (120 minutes).

**Details of Written Examination:**

i) **Syllabus:** The syllabus for the written examination for AE(Electrical) is placed at Annexure-II.

ii) **Hall Tickets:** The Hall tickets will be made available on the website on the scheduled date prior to the date of examination. The candidate has to download the Hall ticket from the website only. Hall tickets will not be sent to the candidates by post. The Hall Ticket has to be preserved till the final selection.

iii) **Date of examination:** The written examination for Assistant Engineer/Elect. will be held on **14-08-2022**.

**Note:** Any change in the scheduled date of written examination will be published in the website.

iv) **Examination Centres:** The written examination for recruitment of Assistant Engineer (Electrical) will be held at different centres located in GHMC area.

**v) Instructions to Candidates at the time of Written Examination:**

1. The examination is of two hours duration. The date, time and venue will be indicated on the Hall ticket. Candidates should reach the test centre in time. The candidates have to report 60 Minutes before the examination time at the examination venue. Candidates will not be allowed into the examination hall after the exam has started and will not be permitted to leave examination hall before the closure of examination time under any circumstances. The candidates shall appear for written examination at their own cost.

2. The test will be of objective type with multiple-choice questions with only one answer being correct among the four alternatives suggested.

3. A separate O M R (Optical mark Reader) answer sheet will be provided to the candidates. The candidate has to indicate his/her response to each question by darkening the appropriate bubble with a **Black Ball Point pen**. No corrections with **white fluid or any** will be permitted.

4. The candidate has to bring a good quality **Black Ball Point pen** to the examination hall.

5. The candidate has to handover the original OMR Sheet to the invigilators in the examination centre and is however permitted to take away the question paper after the examination. If any candidate in violation of the above instructions takes away the original OMR Sheet, his/her candidature to the recruitment will be rejected besides invocation of penal provisions including debarment of the candidature for all future recruitments to be conducted by the TSNPDCL.

6. The candidate has to follow meticulously all the instructions given on the question paper booklet and OMR Answer Sheet, else, the answer sheet may not be evaluated.

7. Usage of Calculators/mathematical tables is not permitted. Candidates should not bring cell phones or any other electronic gadgets to the examination hall.

8. The provisional key will be placed on website within 3 days of written examination.

9. If there are any objections on the provisional key, the same can be raised within 3 days from the date of placing of provisional key to **email: [jshrd@tsnpdcl.in](mailto:jshrd@tsnpdcl.in)**.

10. The objections if any would be examined and the decision of the TSNPDCL in this regard shall be final. Any objection filed after expiry of specified time from the date of publication of key / revised key would not be entertained.

#### **PARA-VIII : PROCEDURE FOR SELECTION:**

i) The selection of candidates for appointment will be made **100%** on Written examination only.

ii) In the event of tie in written exam marks, candidate whose age is higher will be ranked high. In the event of tie thereon, the marks obtained in Part-A will form basis for deciding the rank.

iii) Only those candidates who qualify in the written examination by being ranked high, community wise will be called for verification of Original Certificates in **1:1 ratio**.

(iv) The minimum qualifying marks in the written examination for the above selection process shall be as follows:

OC & EWS	-	40%
BC	-	35%
SC/ST	-	30%
PH	-	30%

**Note: Mere securing minimum qualifying marks doesn't vest any right to a candidate for being called for verification of original certificates or for appointment.**

(v) The selection list will be drawn into two parts. The first part will comprise 5% of the posts consisting of combined merit list and the remaining second part will comprise of 95% of the posts consisting of the candidates belonging to the TSNPDCL Discom jurisdiction only and the posts will be filled, following the existing rules and other rules of reservation issued from time to time. The candidates will be selected and allotted to various places in TSNPDCL jurisdiction.

**DISQUALIFICATION:**

The whole recruitment and selection process is carried out with utmost secrecy and confidentiality, so as to ensure that the principle of merit is scrupulously followed. A candidate shall be disqualified for appointment, if he/she himself/herself or through relations or friends or any others has canvassed or endeavoured to enlist for his/her candidature, extraneous support, whether from official or non-official sources for appointment to this service. Conviction in criminal case involving moral turpitude declared insolvent.

**TERMS AND CONDITIONS OF SERVICE:**

1. **Scale of Pay: Rs.** Rs.64295-2655-69605-3100-85105-3560-99345
2. **Training cum Probation:** The candidates appointed to the post shall be placed on probation for a period of 2 years which includes 1 year Training. At the time of joining, they shall have to deposit their original certificates such as Date of Birth (SSC), Degree, Caste and Study / Residence Certificates etc. During the training cum probation period, they will be paid initial scale of pay of Assistant Engineer with usual allowances admissible at the place of posting.
3. **Place of posting:** The candidates appointed shall be required to work wherever posted in the jurisdiction of TSNPDCL for a minimum period of 3 years.
4. The candidate will be governed by the rules and regulations applicable or as framed by the TSNPDCL and as amended from time to time.
5. **Execution of Service Bond:** At the time of joining, the candidate shall have to execute a Bond to serve TSNPDCL for a minimum period of 5 years in addition to two year training cum probation period. The candidate who leaves the Company during the training period of one year shall refund the emoluments received by him/her during training period plus **Rs. 50,000/- (Rupees Fifty Thousand only)** by way of liquidated damages. The candidate who leaves the Company without serving a minimum period of six years after completion of training, shall pay to the Company a sum of **Rs. 1,00,000/- (Rupees One Lakh only)** by way of liquidated damages.

**PARA – IX : DEBARMENT:**

1. Candidates should make sure of their eligibility to the post applied for and that the declaration made by them in the format of application regarding their eligibility is correct in all respects. Any candidate furnishing incorrect information or making false declaration regarding his/her eligibility at any stage or suppressing any information, is liable to be debarred from appearing any examinations conducted by the Telangana Power Utilities and summarily rejection of their candidature for this recruitment and future recruitments.
2. Any candidate is or has been found impersonating or procuring impersonation by any person or resorting to any other irregular or improper means in-connection-with his/her candidature for selection or obtaining support of candidature by any means, such a candidate may, in addition to rendering himself/ herself liable to Criminal Prosecution, will also be liable to be debarred permanently from any exam or selection held by TSNPDCL and other TS Power Utilities.

**PARA-X: SPECIAL INSTRUCTIONS TO CANDIDATES:**

Candidates are directed to follow the website ([www.tsnpdcl.cgg.gov.in](http://www.tsnpdcl.cgg.gov.in)) regularly to know the latest developments of this Recruitment and any changes/ Modifications/ Addendum/Corrigendum, dates of Examination, calling candidates for verification of Certificates/Results etc. Candidates may note that individual communication is not possible. Hence, they must regularly visit the website for updates. **Candidates are requested to go through the User Guide before filling up the online application form.**

**PARA- XI: INSTRUCTIONS TO IN-SERVICE EMPLOYEES:** The employees working in TSNPDCL in the cadre of Assistant Engineer and above are not eligible to apply. If found applied, they are liable for disciplinary action apart from prosecution.

**PARA-XII : TSNPDCL's DECISION TO BE FINAL:**

The decision of TSNPDCL in all aspects and all respects pertaining to the application and its acceptance or rejection as the case may be, conduct of examination and at all consequent stages culminating in the selection or otherwise of any candidate shall be final in all respects. TSNPDCL reserves its right to alter and modify terms and conditions laid down in the notification for conducting the various stages up to selection, duly intimating details thereof to all concerned, as warranted by any unforeseen circumstances arising during the course of this process, or as deemed necessary by TSNPDCL at any stage.

**Sd/-**  
**CHAIRMAN & MANAGING DIRECTOR**

**ANNEXURE-I****ASSISTANT ENGINEER (ELECTRICAL)**  
**LIMITED RECRUITMENT**

OC		EWS		BC										SC		ST		PH-VH		PH-HH		PH-OH		Total		TOTAL		
				A		B		C		D		E																
G	W	G	W	G	W	G	W	G	W	G	W	G	W	G	W	G	W	G	W	G	W	G	W	G	W			
1	-	-	-	1	-	-	-	-	-	1	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	4	-	4

\*\* OC- Open Competition, G-General, W-Women, BC- Backward Class, SC- Scheduled Caste, ST- Scheduled Tribe, PH- Physically Handicapped, VH - Visually Handicapped, HH- Hearing Handicapped, OH- Orthopedically Handicapped.

**ASSISTANT ENGINEER (ELECTRICAL)**  
**GENERAL RECRUITMENT**

Vacancies	OC		EWS		BC-A		BC-B		BC-C		BC-D		BC-E		SC		ST		PH	TOTAL
	G	W	G	W	G	W	G	W	G	W	G	W	G	W	G	W	G	W		
5 % Vacancies	1	-	-	-	-	-	1	-	-	-	-	-	-	-	1	-	1	-	-	4
95 % Vacancies	16	11	6	2	4	1	5	3	-	-	5	1	3	-	7	3	3	1	3	74
Total	17	11	6	2	4	1	6	3	-	-	5	1	3	-	8	3	4	1	3	78

^G - General

^W - Women

(\*) PH Vacancies :-

PH vacancy under 95% quota - OC-PH (HH) - 1 No.

OC-PH (OH) - (W) - 1 No.

Autism &amp; Multiple disabilities - 1 No.

Sd/-

**CHAIRMAN & MANAGING DIRECTOR**

**ANNEXURE-II****Syllabus – Assistant Engineer(Elecl.)****Section-A: 80 Marks.****I Engineering Mathematics**

**Linear Algebra:** Matrix Algebra, Systems of linear equations, Eigen values, Eigenvectors.

**Calculus:** Mean value theorems, Theorems of integral calculus, Evaluation of definite and improper integrals, Partial Derivatives, Maxima and minima, Multiple integrals, Fourier series, Vector identities, Directional derivatives, Line integral, Surface integral, Volume integral, Stokes's theorem, Gauss's theorem, Green's theorem.

**Differential equations:** First order equations (linear and nonlinear), Higher order linear differential equations with constant coefficients, Method of variation of parameters, Cauchy's equation, Euler's equation, Initial and boundary value problems, Partial Differential Equations, Method of separation of variables.

**Complex variables:** Analytic functions, Cauchy's integral theorem, Cauchy's integral formula, Taylor series, Laurent series, Residue theorem, Solution integrals.

**Probability and Statistics:** Sampling theorems, Conditional probability, Mean, Median, Mode, Standard Deviation, Random variables, Discrete and Continuous distributions, Poisson distribution, Normal distribution, Binomial distribution, Correlation analysis, Regression analysis.

**Numerical Methods:** Solutions of nonlinear algebraic equations, Single and Multi-step methods for differential equations.

**Transform Theory:** Fourier Transform, Laplace Transform, z-Transform.

**II. Electrical Engineering****Electric Circuits**

Network graph, KCL, KVL, Node and Mesh analysis, Transient response of dc and ac networks, Sinusoidal steady-state analysis, Resonance, Passive filters, Ideal current and voltage sources, Thevenin's theorem, Norton's theorem, Superposition theorem, Maximum power transfer theorem, Two-port networks, Three phase circuits, Power and power factor in ac circuits.

**Electromagnetic Fields**

Coulomb's Law, Electric Field Intensity, Electric Flux Density, Gauss's Law, Divergence, Electric field and potential due to point, line, plane and spherical charge distributions, Effect of dielectric medium, Capacitance of simple configurations, Biot-Savart's law, Ampere's law, Curl, Faraday's law, Lorentz force, Inductance, Magnetomotive force, Reluctance, Magnetic circuits, Self and Mutual inductance of simple configurations.

**Signals and Systems**

Representation of continuous and discrete-time signals, Shifting and scaling operations, Linear Time Invariant and Causal systems, Fourier series representation of continuous periodic signals, Sampling theorem, Applications of Fourier Transform, Laplace Transform and z-Transform.

**Electrical Machines**

Single phase transformer: equivalent circuit, phasor diagram, open circuit and short circuit tests, regulation and efficiency; Three phase transformers: connections, parallel operation; Auto-transformer, Electromechanical energy conversion principles,

DC machines: separately excited, series and shunt, motoring and generating mode of operation and their characteristics, starting and speed control of dc motors; Three phase induction motors: principle of operation, types, performance, torque-speed characteristics, no-load and blocked rotor tests, equivalent circuit, starting and speed control; Operating principle of single phase induction motors; Synchronous machines: cylindrical and salient pole machines, performance, regulation and parallel operation of generators, starting of synchronous motor, characteristics; Types of losses and efficiency calculations of electric machines.

### **Power Systems**

Power generation concepts, ac and dc transmission concepts, Models and performance of transmission lines and cables, Series and shunt compensation, Electric field distribution and insulators, Distribution systems, per unit quantities, Bus admittance matrix, Gauss-Seidel and Newton-Raphson load flow methods, Voltage and Frequency control, Power factor correction, Symmetrical components, Symmetrical and unsymmetrical fault analysis, Principles of over current, differential and distance protection; Circuit breakers, System stability concepts, Equal area criterion.

### **Control Systems**

Mathematical modeling and representation of systems, Feedback principle, transfer function, Block diagrams and Signal flow graphs, Transient and Steady state analysis of linear time invariant systems, Routh-Hurwitz and Nyquist criteria, Bode plots, Root loci, Stability analysis, Lag, Lead and Lead Lag compensators; P, PI and PID controllers; State space model, State transition matrix.

### **Electrical and Electronic Measurements**

Bridges and Potentiometers, Measurement of voltage, current, power, energy and power factor; Instrument transformers, Digital voltmeters and multimeters, Phase, Time and Frequency measurement; Oscilloscopes, Error analysis.

### **Analog and Digital Electronics**

Characteristics of diodes, BJT, MOSFET; Simple diode circuits: clipping, clamping, rectifiers; Amplifiers: Biasing, Equivalent circuit and Frequency response; Oscillators and Feedback amplifiers; Operational amplifiers: Characteristics and applications; Simple active filters, VCOs and Timers, Combinational and Sequential logic circuits, Multiplexer, Demultiplexer, Schmitt trigger, Sample and hold circuits, A/D and D/A converters, 8085 Microprocessor: Architecture, Programming and Interfacing.

### **Power Electronics**

Characteristics of semiconductor power devices: Diode, Thyristor, Triac, GTO, MOSFET, IGBT; DC to DC conversion: Buck, Boost and Buck-Boost converters; Single and three phase configuration of uncontrolled rectifiers, Line commutated thyristor based converters, Bidirectional ac to dc voltage source converters, Issues of line current harmonics, Power factor, Distortion factor of ac to dc converters, Single phase and three phase inverters, Sinusoidal pulse width modulation.

### **Section-B: 20 Marks.**

#### **General Awareness and Numerical Ability :**

- i) Analytical & Numerical Ability
- ii) General Awareness
- iii) English
- iv) Related to Telangana Culture & Movement and v) Computer Knowledge



**ANNEXURE-III****PROFORMA FOR SCHOOL STUDY CERTIFICATE**

Name of the Candidate :

Date of Birth :

Fathers Name :

<b>Class</b>	<b>Name and Place of School</b>	<b>Present District</b>	<b>Duration of Study giving month and year</b>
I			
II			
II			
IV			
V			
VI			
VII			

It is certified that the particulars furnished above are as per our records.

STATION:

DATE:

Signature of the Head of the  
Educational Institute(s)  
along with seal

**NOTE:** Should be obtained from the Head of Educational Institution(s). If studied in different schools separate certificates giving the relevant study particulars should be furnished.

**PROFORMA FOR CERTIFICATE OF RESIDENCE**

(To be produced by such candidates who have not studied in any educational institution during the whole or any part\* of the relevant 4/7 years period)

**It is here by certified**

(a) That Sri/Smt./Kum. \_\_\_\_\_, S/o. W/o. D/o. \_\_\_\_\_ appeared for the first time for the 7<sup>th</sup> Class Examination in \_\_\_\_\_ (Month) \_\_\_\_\_ (Year)

(b) That he/she has not studied in any educational institution during the whole/or part of the 4/7 consecutive academic years ending with the academic years ending with the in which he/she first appeared for the aforesaid examination.

(c) That in the 4/7 years immediately preceding the commencement of the aforesaid examination he/she resided in the following place/places namely;

Sl.No	Village	Mandal	District	Period	Age
1					
2					
3					
4					
5					
6					
7					

OFFICE SEAL:

STATION:

Officer of Revenue Department not below the rank of Mandal Revenue Officer holding independent Charge of a Mandal.

DATED:

\* STRIKE OFF "WHOLE"/PART AS THE CASE MAY BE.