



SOUTHERN POWER DISTRIBUTION COMPANY OF TELANGANA LIMITED
(A Govt. of Telangana Undertaking)
(Formerly Central Power Distribution Company of Andhra Pradesh Ltd.)
 6-1-50, Corporate Office, Mint Compound :: Hyderabad – 500 063
 CIN U40109TG2000SGC034116 Website : www.tssouthernpower.com

NOTIFICATION No.02/2022, Dt.09.05.2022

DIRECT RECRUITMENT FOR THE POST OF
SUB-ENGINEER(ELECTRICAL)

The Southern Power Distribution Company of Telangana Limited (TSSPDCL) with Head quarters at Hyderabad is carrying out electricity distribution business as part of the unbundling of erstwhile A.P.S.E.B & Re-organization of the state of Andhra Pradesh and formation of the state of Telangana is catering to the electricity requirements of districts in Telangana State Viz:- Mahabubnagar, Wanaparthy, Nagarkurnool, Jogulamba-Gadwal, Narayanpet, Nalgonda, Bhongir-Yadadri, Suryapet, Medak, Siddipet, Sangareddy, Vikarabad, Rangareddy, Medchal-Malkajiri and Hyderabad Districts.

PARA-I :

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

Starting date for Payment of Fee	-----	15.06.2022
Starting date of submission of Online application	-----	15.06.2022
Last date for payment of Fee Online	-----	05.07.2022 (upto 05.00 pm)
Last date for submission of Online Application	-----	05.07.2022 (upto 11.59 pm)
Downloading of Hall tickets from	-----	23.07.2022
Date of examination	-----	31.07.2022

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 :

Name of the Post	No. of vacancies			Age as on 01.01.2022	Pay Scale of the Post (in Rs.)
	LR	GR	Total		
Sub-Engineer (Electrical)	19	182	201	18 Yrs. – 44 Yrs.	Rs.45205-2225-56330- 2655-69605-3100-85105- 3560-88665

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

(The details of vacancies for Sub-Engineer(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 Institution/BOARD as detailed below or equivalent thereto, **as on the date of Notification.**

Name of the Post	Educational Qualification
Sub-Engineer/ Electrical	<p>Must have a Diploma in Electrical Engineering (DEE) (or) Diploma in Electrical & Electronics Engineering (DEEE) or Graduation in Electrical Engineering in addition to Diploma in Electrical Engineering (or) Graduation in Electrical & Electronics Engineering in addition to Diploma in Electrical & Electronics Engineering or any other equivalent qualification recognized by the Board/University of State/India/UGC/DEC/AICTE as the case may be.</p> <p>NOTE: If there is any deviation from the above qualification for the above post, the candidates shall produce the equivalency certificate from the authority of issuing the qualification certificate viz., Registrar of the University or Secretary of the Institute, for accepting his/her application.</p>

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 Sub-Engineer(Electrical) 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://tssouthernpower.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://tssouthernpower.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. TSSPDCL 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 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 TSSPDCL 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 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 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/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 TSSPDCL jurisdiction should apply.
9. For any problems related to Online submission and downloading of Hall-Tickets please contact **Help Desk No. 040-23120303** (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://tssouthernpower.cgg.gov.in> and click on to complaint box.

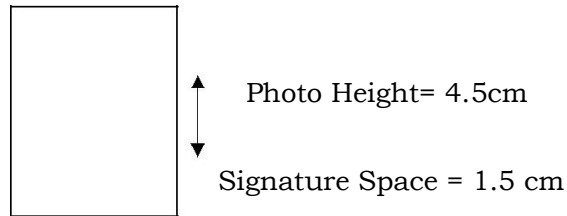
PARA -IV : GENERAL PROVISIONS :

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. TSSPDCL 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. TSSPDCL 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 TSSPDCL 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 :

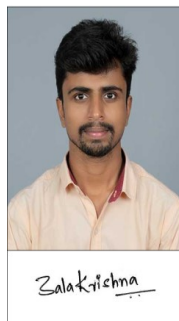
INSTRUCTIONS FOR SCANNING OF PHOTOGRAPH WITH SIGNATURE :

Photo width= 3.5cm



- 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 TSSPDCL. 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 TSSPDCL 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 TSSPDCL 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 form and should be produced for the purpose of verification.

- i) Date of Birth Certificate (SSC)
- ii) School Study Certificates (From Class 1st to 7th)
- iii) Diploma Certificate 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 TSSPDCL, 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 / TSSPDCL 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 TSSPDCL 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 TSSPDCL.
- 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 himself or through relations or friends or any others has canvassed or endeavoured to enlist for his candidature, extraneous support, whether from official or non-official sources for appointment to this service.

5. **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 and produce the same as and when required.
6. **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.
7. **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 TSSPDCL

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

Note: If eligible persons from VH(W)/HH(W)/OH(W)/AMD(W) category are not available in the initial recruitment, the same shall be filled up by the eligible Male candidates with same category of disability respectively as per G.O.Ms.No.96, GAD(Ser.D) Department, Dt.22.07.2019. Hence, eligible male candidates of VH/ HH/ OH/AMD disabled category can also apply for the post meant for Women categories.

8. 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 TSSPDCL, the candidates claiming reservation 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 Diploma in Engineering through Distance mode of education are required to have recognition by the relevant Statutory Authorities. Unless such Diplomas 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 Diplomas/Institutions have been recognised rests with the candidates.

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

PARA-VI : RESERVATION TO DISTRICT CANDIDATES :

Reservation to the District candidates is applicable as provided in the Rules in TSSPDCL and as amended from time to time in force as on the date of notification. The candidates claiming reservation as District 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 for furnishing as and when required.

1. A candidate for direct recruitment to any post shall be regarded as a district candidate in relation to the district 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 District area for a period of not less than four consecutive academic years from 1st 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 District where the candidate has studied last will be considered as District area for the candidate 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 District where he/she has studied for the maximum time period is considered as the District 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 District 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 District candidature.

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

Discom	Districts covered
TSSPDCL	Mahabubnagar, Wanaparthy, Nagarkurnool, Jogulamba-Gadwal, Narayanpet, Nalgonda, Bhongir-Yadadri, Suryapet, Medak, Siddipet, Sangareddy, Vikarabad, Rangareddy, Medchal-Malkajgiri and Hyderabad Districts.

NOTE:

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

PARA-VII-PREFERENCE TO THE DISTRICT CANDIDATES:

1. For 95% of the posts, preference shall be given to the District/Circle Candidates.

2. The candidates belonging to Hyderabad, Rangareddy and Medchal-Malkajgiri Districts will have to give order of preference to all the Circles falling in the jurisdiction of the respective Districts, while submitting application online.

a. In Hyderabad District jurisdiction, there are 5 TSSPDCL Circles/Units of appointment for Sub-Engineer/Electrical.

- i. Banjara Hills
- ii. Secunderabad
- iii. Hyderabad Central
- iv. Hyderabad South
- v. SCADA

b. In Rangareddy District jurisdiction, there are 3 TSSPDCL Circles/Units of appointment for Sub-Engineer/Electrical.

- i. Cybercity
- ii. Rajendranagar
- iii. Saroornagar

- c. In Medchal-Malkajgiri District jurisdiction, there are 2 TSSPDCL Circles/Units of appointment for Sub-Engineer/Electrical.
 - i. Medchal
 - ii. Habsiguda

3. The candidates will be selected and allotted to the Circles as per their Rank in the merit list and as per preference.

4. However, in so far as the operation circles in Hyderabad/Ranga Reddy/Medchal-Malkajgiri Districts, the candidates shall give preference of operation circles, falling in the respective Revenue Districts and they shall be considered for all the Operation Circles in the respective Districts.”

5. While the Company calls for preference of candidates in respect of Circle in the application form, it is hereby clarified that the said preferences are only indicative for being considered to the extent possible. Mere claim of preference for any Circle for allotment against vacancy does not confer a right to selection for that Circle in particular or any Circle in general.

NOTE: Candidate should acquaint himself the present District in which jurisdiction the School he studied from 1st class to 7th class is falling i.e after re-organization & formation of new Districts. After ensuring the above, the candidate should enter the school study particulars in the On-line Application form. Based on the school study particulars, the District to which he belongs to is arrived. If he Chooses the District/Circle to which he belong, he will be considered against the 95% Vacancies District/Circle. If chooses other than the District/Circle to which he belong, then he will be considered in the 5% Vacancies of the District/Circle chosen and will not be considered against the 95% Vacancies to the District/Circle he belong. The candidates application to the Sub-Engineer/Electrical post will be considered to any one Circle/District either in 5% vacancies or against 95% vacancies, as the case may be.

For Example(i): If a candidate has studied from Class-I to Class-VII in Kothur Mandal which was in Mahabubnagar District before re-organization of districts in Telangana State, now falling in Rangareddy District, he should fill up the study particulars in the online application form as studied in Rangareddy District.

Further, while choosing the District/Circle for submission of application, if he opt for the District/Circle selection as Rangareddy he will fall under 95% vacancies in Rangareddy District vacancies and if he chooses any other District/Circle he will fall under 5% vacancies of such District. The candidates may be noted that, only one application is invited for any one of the District/Circle in TSSPDCL against 5% vacancies/95% vacancies, as the case may be according to their choice of selection. However, in so far as the operation circles in Hyderabad/Ranga Reddy/ Medchal-Malkajgiri Districts are concerned, the candidates shall give preference of operation circles, falling in the respective Revenue Districts and they shall be considered for all the Operation Circles in the respective Districts.”

if the candidate has not studied upto 7th Class in any Educational Institution, the place where the candidate resided from the age of 5 years to 12 years as per the present Districts i.e after re-organization & formation of new Districts will be taken into consideration for arriving the District to which he belongs and to choose the District/Circle Selection accordingly.

Example (ii): If a candidate has obtained a School Study bonafide from a School in Nalgonda District (prior to re-organization & formation of new districts) bearing the Seal/Stamp of the School indicating as Nalgonda District and if the said school is falling in the jurisdiction of Suryapet District after re-organization of the districts, such of these candidates shall enter the school study particulars as studied in Suryapet District.

In the same analogy the School Study Particulars have to be entered in the online application form based on the jurisdiction of the School now falling in the Districts after re-organization and formation of new districts.

PARA-VIII - SCHEME OF EXAMINATION :

The written test comprising of 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 Sub-Engineer(Electrical) is placed at Annexure-II.

ii) **Hall Tickets:** The Hall tickets will be made available on the website well before 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 Sub-Engineer(Electrical) will be held on **31.07.2022**.

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 Sub-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 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 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 TSSPDCL.

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 7 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 : cgm-hrd@tssouthernpower.com**.

10. The objections if any would be examined and the decision of the TSSPDCL 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.

NOTE:

The selection list in the District/Circle 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 the balance 95% of the posts consisting of candidates belonging to that District/Circle only and the posts will be filled, following the existing rules and rule of reservation.

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 himself or through relatives or friends or any others has canvassed or endeavoured to enlist for his 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.45205-2225-56330-2655-69605-3100-85105-3560-88665

2. Training cum Probation: The candidates appointed to the post shall be placed on training cum probation for a period of 2 years which includes one (1) year training. At the time of joining, they shall have to deposit their original certificates such as Date of Birth (SSC), Diploma Certificate, Caste and Study / Residence Certificates etc. During the training cum probation period, they will be paid initial scale of pay of Sub-Engineer(Electrical) with usual allowances admissible at the place of posting.

3. Place of posting: The candidates appointed shall be required to work wherever posted for a minimum period of 3 years.

4. The candidate will be governed by the rules and regulations applicable or as framed by the TSSPDCL 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 TSSPDCL for a minimum period of FIVE (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 during said period plus **Rs. 30,000/- (Rupees Thirty 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. 60,000/- (Rupees Fifty thousand 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 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 candidature for selection or obtaining support of candidature by any means, such a candidate may, in addition to rendering himself liable to Criminal Prosecution, will also be liable to be debarred permanently from any exam or selection held by TSSPDCL and other TS Power Utilities.

PARA-X: SPECIAL INSTRUCTIONS TO CANDIDATES:

Candidates are directed to follow the website (www.tssouthernpower.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 be possible. Hence, the 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 : TSSPDCL's DECISION TO BE FINAL:

The decision of TSSPDCL 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. TSSPDCL 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 TSSPDCL at any stage.

Sd/-

CHAIRMAN & MANAGING DIRECTOR

Annexure-I

Circle		OC		EWS		BC-A		BC-B		BC-C		BC-D		BC-E		SC		ST		PH-VH		PH-HH		PH-OH		PH-AMD		CIRCLE TOTAL		
		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	G	W	TOTAL
Mahabubnagar	5%	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	2
	95%	2	-	-	1	1	-	-	-	-	-	1	-	-	-	1	-	-	-	1	-	-	1	-	-	-	-	6	2	8
Narayanpet	5%	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	1	1	
	95%	1	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	1	1	2	
Wanaparthy	5%	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	1	1	
	95%	2	-	1	-	-	1	-	1	-	-	-	-	-	1	1	-	1	-	1	-	1	-	-	-	-	4	5	9	
Nagarkurnool	5%	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	1	1	
	95%	2	-	1	-	-	1	-	1	-	-	-	-	-	1	1	-	1	-	1	-	1	-	-	-	-	4	5	9	
Gadwal	5%	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	1	1	
	95%	2	-	1	-	-	1	-	1	-	-	-	-	-	1	1	-	1	-	1	-	1	-	-	-	-	4	5	9	
Nalgonda	5%	1	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	2	0	2	
	95%	-	1	-	-	-	-	1	-	-	-	1	-	1	-	-	-	-	-	-	-	1	-	-	-	-	4	1	5	
Suryapet	5%	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	1	1	
	95%	2	-	1	-	-	1	-	1	-	-	-	-	-	1	1	-	1	-	1	-	1	-	-	-	-	4	5	9	
Yadadri	5%	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	1	1	
	95%	2	-	1	-	-	1	-	1	-	-	-	-	-	1	1	-	1	-	1	-	1	-	-	-	-	4	5	9	
Medak	5%	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	1	1	
	95%	2	-	1	-	-	1	-	1	-	-	-	-	-	1	1	-	1	-	1	-	1	-	-	-	-	4	5	9	
Siddipet	5%	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	1	1	
	95%	2	-	1	-	-	1	-	1	-	-	-	-	-	1	1	-	1	-	1	-	1	-	-	-	-	4	5	9	
Sangareddy	5%	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	1	0	1	
	95%	3	2	1	-	-	-	1	-	-	-	1	-	1	1	-	-	-	-	-	-	1	-	-	-	-	7	4	11	
Vikarabad	5%	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	1	1	
	95%	2	-	1	-	-	1	-	1	-	-	-	-	-	1	1	-	1	-	1	-	1	-	-	-	-	4	5	9	
Medchal	5%	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	0	1	
	95%	-	2	1	-	1	1	-	-	-	-	-	-	-	-	-	1	1	-	1	-	1	-	1	-	-	5	4	9	
Habsiguda	5%	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	0	1	
	95%	2	-	-	1	1	1	-	-	1	-	-	1	-	1	1	-	-	-	1	-	-	-	-	-	-	5	6	11	
Cybercity	5%	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	1	0	1	
	95%	2	1	-	1	1	-	-	-	-	1	1	1	-	1	1	-	-	-	1	-	-	-	-	-	-	6	5	11	
Rajendranagar	5%	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	1	1	
	95%	2	-	1	-	-	1	-	1	-	-	-	-	-	1	1	-	1	-	1	-	1	-	-	-	-	4	5	9	
Saroornagar	5%	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	1	1	
	95%	2	-	1	-	-	1	-	1	-	-	-	-	-	1	1	-	1	-	1	-	1	-	-	-	-	4	5	9	
Banjara Hills	5%	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	1	0	1	
	95%	2	-	-	-	-	1	-	1	-	-	-	-	-	-	1	-	-	1	-	1	-	1	-	-	-	5	3	8	
Secunderabad	5%	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	1	1	
	95%	2	-	1	-	-	1	-	1	-	-	-	-	-	1	1	-	1	-	1	-	1	-	-	-	-	4	5	9	
Hyderabad South	5%	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	1	1	
	95%	2	-	-	1	1	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	4	1	5	
Hyderabad Central	5%	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	0	1	
	95%	1	1	-	-	-	-	1	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	2	2	4	
SCADA	5%	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	1	1	
	95%	2	-	-	-	-	1	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	2	2	4	
TOTAL		42	20	13	4	6	15	4	14	1	0	4	2	4	2	17	17	1	12	3	13	3	2	2	0	0	0	100	101	201

ANNEXURE-II
SYLLABUS FOR WRITTEN EXAMINATION –SUB-ENGINEER(ELECTRICAL)
Section-A (80 Marks)

UNIT 1: Basic Electrical Engineering

Ohms law and Kirchhoff's laws, Star/Delta transformation, Network theorems, Power and Energy, Heating effects of electric current, Magnetic effects, Electro-magnetic induction, Electrostatics. Batteries, Types of Electrical engineering materials – Conducting, Semi-conducting, Magnetic, Insulating, Di-electric materials – Properties and Uses.

UNIT II: D.C. Machines & Measurements

D.C. Generators: Construction, Operation, Types, EMF Equation, Windings, Characteristics, Efficiency and Parallel operation.

DC Motors: Principle of operation, Back EMF, Torque Equation, Types, Characteristics, Starters, Speed Control, Losses, Efficiency and Testing.

Measuring Instruments: Classification, Principle & Operation of Moving Coil, Moving Iron, Dynamometer type and Induction type meters. Instrument Transformers, Induction type Energy meter, M.D. Indicator, Tri Vector Meter, Power factor meter, Frequency meter, Measurement of Resistance, Transducers and Sensors – Types, Thermistor, Thermo-couple, Pressure Transducers and Strain gauges, Working of Cathode ray oscilloscope

UNIT III: A.C. Circuits and Transformers

A.C. Circuits: Fundamentals, Series and parallel R-L-C Circuits, Resonant circuits, Three-phase circuits, Measurement of power by two Wattmeters.

Transformers: Single-phase Transformer, Construction, Operation, Equivalent circuit, Regulation, Efficiency, Testing and parallel operation, Three-phase transformer, Auto-transformer

UNIT IV: A.C. Machines

Alternators: Construction, Operation, EMF equation, regulation, testing and parallel operation.

Synchronous Motors: Operation and performance, Effects of excitation, V - Curve and inverted V - Curve, Methods of starting and uses.

Three-Phase induction Motors: Construction, Principle of Operation, Torque Equation, Slip-torque characteristics, Losses & efficiency, Speed control, Starters, Double-cage motor.

Single-phase Motors: Types, Principle of operation, characteristics and applications of induction motors and commutator motors

UNIT V: Power System Generation & Protection

Generating Stations: Working components, Comparison of Thermal, Hydel, and Nuclear stations, Pollution control, Combined Working, Power Station auxiliaries, Characteristic Curves and Important definitions, Types of tariffs, Power factor correction and economy.

Power Systems Protection: Circuit Breakers - Types, Principles of operation and uses. Current Limiting reactors, Relays – Classification, Principle of Operation of Induction type over current relay, Directional and Non-directional relays, Differential relays and Distance relays, Protection of Alternations, Transformers, Bus-bars, Transmission lines, Lightning arrestors, Neutral grounding.

UNIT VI: Transmission and Distribution

Transmission: Types of supply systems, Transmission Line parameters, inductance and capacitance, performance of short and medium lines, regulation, Ferranti effect, Corona, Basic concepts of HVDC Transmission, Advantages and disadvantages of HVDC Transmission.

Components of lines, supports, conductor spacing, ground clearance and sag, insulators, voltage distribution across the string, string efficiency, methods of improving string efficiency, Earthing and layout of sub-stations.

Cables – Classification, insulation resistance, specifications,

Distribution – Radial and ring type distributions, variation of load voltage,

UNIT VII: Utilization and Electric Drives

Lighting: Laws of Illumination, Types of Lamps, Lighting Schemes for indoor, outdoor, street and factory.

Heating and Welding: Principles and application of different resistance heating, direct and indirect arc furnaces, core and core-less induction furnaces, di-electric heating, Welding generators & welding transformers.

Electric Traction: Systems of Train Electrification, Speed-time Curves for different services, Schedule speed, Tractive Effort, Specific Energy Consumption, Traction system auxiliaries, Traction motors.

Electric Drives: Different Types, nature of load, Rating of motors, Types of enclosures, Motors for different drives. Electric Braking - Dynamic braking and Counter-current braking of dc motors and 3-phase induction motors.

UNIT VIII: Electrical Estimation and Automation

Electrical Wiring: Tools, Wires, Types of wiring, Accessories, Lamp Circuits, Estimating and Costing of domestic, industrial power, irrigation pump sets, Rural electrification, departmental tests, earthing.

Automation: Basics of control system, Basic principles of Programmable Logic controller (PLC), Parts of PLC, Simple applications with PLC.

UNIT IX: Basic Electronics and Digital Electronics

Semi-Conductor Devices: N Type & P type, Zener diode, PNP and NPN Transistors, Transistor configurations, input and output characteristics, power supplies – half wave and full wave rectifiers. Filters, Zener diode, regulation, Special devices-UJT, FET, LED, SCR, Opto-Coupler, Photo diode, Photo Transistor.

Amplifiers: Types, Principles of operation, Characteristics RC coupled, Transformer coupled and Direct coupled amplifiers. Class A amplifiers, Push-pull amplifiers, Feed-back, Difference and Operational amplifiers Oscillators and Electronic Testers, Function Generators, Industrial application of timers, Basics of IC's.

Digital Electronics: Different numbering systems, Inter Conversions, Boolean Algebra, Logic families, Performance of AND, OR, NOT, NOR, NAND gates, Combinational logic circuits, Sequential logic circuits, Registers and Memories, A/D and D/A converters.

UNIT X: Power Electronics and Micro Controller

Power Electronic Devices: Construction and working of SCR, GTO, DIAC, TRIAC, Volt-ampere characteristics, Triggng of SCR using UJT Protection.

Convertors: Types of Phase-controlled Convertors, Working of AC regulators and Choppers. Types & basic principle of working of Inverters and Cyclo-convertors.

Speed control: Speed control of D.C.Motors using convertors and choppers, Speed control of induction motor using AC Voltage regulators and V/f Control, Switched mode power supplies (SMPS), UPS.

Micro-Controllers: Architecture and Instruction set of 8051, Programming concepts, peripheral IC's – Function, features, Pin details and interfacing of 8255,8251, 8279, 8257, 8259, RS-232.

Section-B: 20 Marks.

General Awareness and Numerical Ability :

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

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

Name of the Candidate :

Date of Birth :

Fathers Name :

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

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

STATION:

Signature of the Head of the

DATE:

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 7th 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

DATED:

Officer holding independent Charge of a Mandal.

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