



## GUJARAT ENERGY TRANSMISSION CORPORATION LTD.

Sardar Patel Vidyut Bhavan, Race Course, Baroda 390007

Website : [www.getcogujarat.com](http://www.getcogujarat.com)

ISO 9001:2015

CIN: U40100GJ1999SGC036018

### INVITES

## APPLICATIONS FOR THE POST OF VIDYUT SAHAYAK (JUNIOR ENGINEER – ELECTRICAL / CIVIL)

Gujarat Energy Transmission Corporation Ltd. (GETCO) is a leading ISO 9001:2015 State utility in Transmission Business having its Head Quarter at Vadodara. It has strong work force of more than 13,000 employees with its transmission network spread over Gujarat State for power evacuation from generating stations and transmitting to DISCOMs.

As we are on high growth trajectory and need to strengthen our manpower strength, we invite applications from young and energetic engineering graduates to go through selection procedure and take up challenging task in GETCO.

### 1. Job Title and Educational Qualification

Vidyut Sahayak (Junior Engineer) Electrical	Vidyut Sahayak (Junior Engineer) Civil
<b>B.E. (Electrical) / B.Tech (Electrical) B.E (Electricals &amp; Electronics) / B.Tech.(Electricals &amp; Electronics)</b> <b>Full Time Regular Course</b> only from Recognized University with minimum 55% aggregate marks of 7th and 8th Semester exam passed at <b>First Trial without ATKT.</b>	<b>B.E. (Civil) / B.Tech (Civil)</b> <b>Full Time Regular Course</b> only from Recognized University with minimum 55% aggregate marks of 7th and 8th Semester exam passed at <b>First Trial without ATKT.</b>

The knowledge of computer operations and good command over English and Gujarati Language is essential.

### 2. Age Criteria

#### i. Upper Age Limit: **(As on date of issuance of advertisement i.e.10-Jun-2021)**

Category of Candidates	Upper Age Limit
Unreserved Category (UR)	35 Years
Reserved Category including EWS Scheduled Caste (SC) Scheduled Tribe (ST) Socially & Educationally Backward Class (SEBC) Economically Weaker Section (EWS)	40 Years



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### ii. Age Relaxation in upper age limit to other categories shall be as under:

Category of Candidates	Relaxation
Female Candidates	05 Years
Person with Disability (PwD) candidates <i>Suitable disability is mentioned under Clause 2(iii)</i>	10 Years
Dependent of Retired Employee of GETCO	Up to age of 40 years (Will be Considered only upon submission of undertaking)

- Maximum age relaxation in upper age limit shall be considered upto the age of 45 Years.
- The above age criteria are as per the “Yuva Swavlamban Scheme” of Govt. of Gujarat.
- The age relaxation for Ex-Serviceman will be as per the rules of the Government of Gujarat.

### iii. Suitable disability for PwD category candidates

Vidyut Sahayak (Junior Engineer) - Electrical	HH (40-70%),OA,OL,D, LC, AAV,SLD
Vidyut Sahayak (Junior Engineer) - Civil	HH (40-70%),OA,OL,D, LC, AAV, SLD

- HH- Hard of Hearing, OA – One Arm, OL – One Leg, D- Dwarfism, LC-Leprosy Cured, AAV – Acid Attack Victim, SLD- Specific Learning Disability
- The PwD reservation shall be horizontal reservation.

### 3. Period of Engagement and Scope of Career Development / Prospects

The selected candidates shall be appointed initially for a period of 5(Five) years as Vidyut Sahayak (Junior Engineer) and may be considered for appointment to the post of Junior Engineer on regular establishment in the pay scale of ₹45400 – 101200 subject to satisfactory completion of five years as Vidyut Sahayak(Jr. Engineer)



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### 4. Fixed Remuneration per month

Year	Remuneration	Remarks
1 <sup>st</sup> Year	₹ 37,000/- p.m.	No other allowances or benefits would be admissible. Reimbursement of TA / DA as per GSO:333 Dtd.03.02.2003.
2 <sup>nd</sup> Year	₹ 39,000/- p.m.	
3 <sup>rd</sup> Year	₹ 39,000/- p.m.	
4 <sup>th</sup> Year	₹ 39,000/- p.m.	
5 <sup>th</sup> Year	₹ 39,000/- p.m.	

### 5. Vacancies:

At present there are **300** clear vacancies in the category of VSJE (Electrical) and **52** clear vacancies in the category of VSJE(Civil). However, in future more vacancies are likely to occur till one year from the date of publishing of result due to promotion, retirement etc. The clear vacancies are likely to be filled-up in the following manner as per roster rules.

VSJE (Electrical & Civil) combined	SC		ST		SEBC		EWS		UR		PwD
	M	F	M	F	M	F	M	F	M	F	
Carried forwarded as on 01.01.2021	8	4	6	3	39	20	0	0	0	0	0
New vacancies	13	6	27	13	49	24	18	9	75	38	8

- The vacancies as per roster may vary depending upon the actual requirement. The vacancies as per roster are subject to retirement, promotion to higher cadre, new sanction of post, resignation, separation for any other account, compassionate appointment etc.
- The deficit in EWS Category is initial deficit.
- State Government policy for reservation of women shall be followed. The woman reservation and PwD reservation shall be horizontal reservation.
- State Government Domicile Policy shall be followed.



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- For PwD (Person with Disability) category candidates, if categorywise candidates are not available then PwD vacancies can be filled-in by interchangeability from available PwD candidates as per merit. Candidates having minimum 40% disability shall only be considered in PwD categories stated above as per rules.

### 6. Application Fees (Non Refundable):

Category	Application Fees payable
UR, SEBC & EWS candidates	₹ 500/- (Five Hundred only) inclusive of GST
SC & ST candidates	₹ 250/- (Two Hundred Fifty only) inclusive of GST

- If PwD candidate belongs to SC or ST category and fulfills the criteria, fees payable shall be ₹250/- (Two Hundred Fifty).
- Application fees will be accepted through online mode only. Any other mode of payment i.e. Demand Draft, Money Order, Cheque, Postal Order, Cash etc. is not acceptable.
- Bank Charges shall be borne by the candidate.
- Application fees once paid shall not be refunded or shall not be adjusted in any subsequent recruitment process, under any circumstances.

### 7. General Terms and Conditions

#### A. Online Application

1. Candidates are required to submit **ONLINE Application** only, compulsorily through [www.getcogujarat.com](http://www.getcogujarat.com). The candidates shall have to generate Registration ID online by filling-up the online Application Form. The candidates should retain the printout of Registration Form and the same shall be required at all stages during recruitment process.
2. The candidates shortlisted for online test on the basis of their “online applications” are NOT required to submit any document/certificate at present. The self-attested photocopies of all the relevant original documents / certificates shall be required to be submitted by the candidates as and when asked at the time of verification of original documents / certificates at appropriate stage.
3. Mere submission of application does not guarantee the adequacy of candidature for being considered for further selection process.



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4. Since the shortlisting and further process shall be purely on the basis of details submitted by the candidates in online application form, the candidates must fully ensure that they fulfill the requisite criteria and all the details are filled-up correctly in every respect and nothing should be concealed or withheld by them. If any information furnished is found false at any time, his/her candidature/appointment shall be cancelled without any notice.
5. The persons who are convicted in any court of law are not eligible to apply as per rules.
6. **The link for online application will be put up on GETCO website on 18.06.2021. and the link will remain open for 21 days from the date of opening of link. The candidates are requested to regularly check the GETCO website for updates.**

### **B. Online Exam and Result**

1. The exam will be conducted by online mode only considering the number of candidates registered. The details of syllabus for online exam is given in Clause – C.
2. The question paper for the online exam shall be consisting of 100 Multiple Choice Questions and the paper shall be of 100 marks. There shall be **negative marking system** and  $\frac{1}{4}$  th mark for each wrong answer shall be deducted to arrive at total marks scored. **The question paper will be in English Language only.**
3. If applications are received in large number, the examination will be held in multiple batches / sessions and candidates' scores shall be normalized as per Normalization formula given herewith on the last page.
4. After completion of online exam, the provisional Answer Key will be published. The candidates can view provisional Answer Key and in case of any objection the same can be raised on payment of fees within prescribed time on publishing the same. This will also be through online mode only.
5. The objections, if any, so received will be put up before the subject experts for review. Upon completion of above, the result and final answer key will be published on Company's website.
6. The Management reserves the right to short-list, select and reject any candidate for online exam as the case may be for selection.

### **C. Syllabus for online exam**

The tentative syllabus for the online exam will be including but not limited to the following topics/areas and emphasis could differ.



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VSJE(Electrical)	VSJE(Civil)
<p>Section – I: General Knowledge (10%) Section – II: English Knowledge (10%) Section – III: Electrical Engineering (60%) Section – IV: Computer Knowledge (10%) Section – V: Gujarati Language &amp; Grammar (10%) <b>Total – 100 Marks</b></p> <p><b>Section – III including the topics like</b></p> <ul style="list-style-type: none"><li>➤ Basics of Electrical Engineering</li><li>➤ Power System Planning, Design and Engineering</li><li>➤ AC and DC Extra High Voltage Transmission &amp; Network</li><li>➤ Transmission Lines and Sub-Station Design and Equipments.</li><li>➤ Electrical Material</li><li>➤ DC Battery System</li><li>➤ Relay and Protections System</li><li>➤ SCADA and Latest Electrical Equipments and Smart Grid Technology</li><li>➤ Renewable Energy (Solar, Wind etc.)</li><li>➤ Capacitors, Reactors, Reactive Power</li><li>➤ Basic Knowledge of Information Technology etc pertaining to Transmission Wing</li></ul>	<p>Section – I: General Knowledge (10%) Section – II: English Knowledge (10%) Section – III: Civil Engineering (60%) Section – IV: Computer Knowledge (10%) Section – V: Gujarati Language &amp; Grammar (10%) <b>Total – 100 Marks</b></p> <p><b>Section – III including the topics like</b></p> <ul style="list-style-type: none"><li>➤ Basics of Civil Engineering</li><li>➤ Soil Mechanics</li><li>➤ Designs and Constructions of Buildings which includes RCC Raft Foundation / Pile Foundation</li><li>➤ Building and Steel Super Structures</li><li>➤ Design of Buildings</li><li>➤ Water Supply System and Drainage Systems</li><li>➤ Construction of Transmission Tower Foundations and Transmission Colonies</li><li>➤ Basic Knowledge of Information Technology</li></ul>

**“The question paper will be in English Language only”**

### D. Selection

1. As per GSO-3 Dtd.19.01.2015 and subsequent amendments thereof, in online examination the minimum eligibility cut-off marks for selection will be 50 for Unreserved category candidates and 45 marks for reserved category candidates. If online exam is held in multiple batches / sessions, the marks shall be considered after normalization as per the normalization formula given herewith on the last page. The normalized score will be considered upto two decimals in case of fraction. The selection will be made purely on the basis of merit considering available vacancies and reservation rules.
2. 5% marks (of secured marks in online test / normalized score in case of multiple batches) over and above actual marks secured shall be added for widow female candidates. The widow female candidate, if remarried shall not be given advantage of grace of 5 % marks. Further, the widow female candidates shall categorically state so and inform if they are remarried with necessary documentary proofs.
3. While preparing selection list, if two or more candidates are found with equal score, the selection will be in the following manner:





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- i) They will be kept in merit according to their date of birth i.e. the elder will be kept in priority to younger. Candidates of Gujarat domicile will be given priority over non-domicile candidates irrespective of date of birth/age.
  - ii) In case the date of birth is also found same, then the candidate securing higher percentage in final year (last two semesters) shall be considered above the candidate securing lower percentage in final year (last two semesters).
  - iii) In case all the above three factors are same i.e. equal score, equal date of birth and equal percentage in final year (last two semesters), the alphabetical sequence of the name of the candidate starting from A will be considered.
4. The selection list as and when required as per the vacancy and roster position shall be drawn from the result published. The result published shall be valid for a period of one year from the date of publication.
  5. The Management reserves the right to cancel the selection list at any time at its sole discretion, without assigning any reasons thereof.
  6. The selection for the above posts shall be on the basis of marks obtained in online exam and subject to reservation rules and successful document verification. Mere appearance of name in the selection list does not confer any right of appointment and the actual appointment will depend upon the availability of vacancies and roster position, successful document verification and medical fitness.

### **E. Other Conditions**

1. The candidates who have been given grades in their result (Graduation) shall have to submit a certificate issued by their University / Institute specifying percentage equivalent to the grades obtained by them alongwith decimals.
2. SEBC category candidates who fulfills the qualification and age criteria shall have to submit valid Non-Creamy Layer Certificate in Gujarati – **પરિશિષ્ટ - ૬** or **પરિશિષ્ટ - ૪** and EWS category candidates shall have to submit valid Income and Assets Certificate as per Resolution No.E.W.S./122019/45903/A Dtd.23.01.2019 & Dtd.25.01.2019 in prescribed format (in English **Annexure-KH** or in Gujarati **પરિશિષ્ટ - ૩**) issued by the Competent Authority of Gujarat State. The above certificates should be valid as on the date of application as well as on the date of document verification, if selected.
3. The selected candidates of ST category will be given appointment against the post of ST only after the process of verification of caste certificate is completed by the scrutiny committee/competent authority of Tribal Development Department as per the Govt. Resolution No. CRR-102018-461239-G-2 Dtd. 22/10/2018 of GAD, GoG.



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4. The PwD (Person with Disability) candidates shall have to submit Certificate of Civil Surgeon indicating the nature and existing percentage of disability. Their applications will be considered as per rules of the Company.
5. As per Gujarat State Labour & Employment Deptt. GR Dtd.31.03.1995, minimum 85% of representation will be of Gujarat domicile candidates. The candidate shall have to submit the Domicile Certificate of Gujarat State if he/she claims appointment as Gujarat Domicile. The candidates shall be required to submit a copy of Domicile Certificate of Gujarat State at the time of document verification alongwith original for verification, if selected.
6. The full name of the candidate including middle name and surname and caste as per online application should exactly match (with spelling) with the name as per original documents/certificates. In case of name or caste differs due to marriage or other reason in documents/certificates, a copy of Official Gazette for change of name or caste and affidavit on stamp paper duly notarized shall be required to be submitted by the candidate at the time of document verification, failing which, the candidature will be rejected.
7. The candidates working in Government / Semi Government or PSU Organization shall have to produce "**NO OBJECTION CERTIFICATE**" from the concerned organization at the time of document verification, failing which, their candidature will be rejected.
8. If the selected candidate is working in any company or organization, he/she shall have to produce relieving letter from the previous employer at the time of resuming his/her duty, failing which, his/her appointment order shall stand cancelled.
9. Filling up of the posts is at the discretion of Management based on suitability of candidates. The decision of management in all matters relating to eligibility, acceptance or rejection of the application made shall be final and management will not entertain any enquiry or correspondence in this regard.
10. The vacancies shall arise throughout the year and the appointment is subject to requirement as per roster points applicable from time to time during the year.
11. On appointment, the candidates shall be posted anywhere under the jurisdiction of GETCO. In case of female candidates, five choice places shall be obtained as per rules and depending upon vacancies they may be posted at one of the choice places in the descending order. However, this will not be a matter of right.
12. The posts of Vidyut Sahayak (Jr. Engineer) – Electrical & Civil are transferable anywhere under the jurisdictions of GETCO.
13. Caste Certificate for Reserved Category (SC/ST/SEBC) of only Gujarat State will be considered.





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14. Canvassing in any form shall debar the candidate from selection.
15. No any travelling fare will be paid to any candidate for attending the online exam / document verification as the case may be.
16. In case of selection, the candidate will have to fulfill the requisite physical fitness standards as per Company's rules.
17. Any amendment by the Company in regard to fixed remuneration, tenure, pay-scale, service rules and other terms and conditions in future shall be part of above recruitment process and shall be binding on the candidates.
18. The candidates are requested to visit the website [www.getcogujarat.com](http://www.getcogujarat.com) for regular updates / notices related to the recruitment process. The Company does not owe any responsibility in this regard, if he/she fails to note latest updates and no claim shall be entertained.
19. All the requisite documents/certificates of selected candidates shall be verified at appropriate stage and if found not fulfilling any criteria, his/her candidature shall be cancelled immediately and his/her of shortlisting in selection list shall not be a ground for claiming appointment.
20. Any application seeking information, even under RTI, shall not be entertained till the completion of the entire recruitment process.

**8. Help Desk**

Contact No.	Email
022 – 62507720	recruit.getco@gebmail.com

*Timing for enquiry will be on all working days during 09.00 am to 6.00 pm only.*

**Dy. General Manager & HoD(HR)**



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**Documents to be submitted as and when asked by the Company**  
**(After online exam)**

1. Online Application / Registration Form alongwith two recent passport size photographs. One photograph should be affixed on the space provided on the application form. No stapler pin should be used for affixing the photograph.
2. Self-Attested copy of the following:
  - i. School Leaving Certificate
  - ii. Marksheets of Final Year or last two semesters of B.E./ B.Tech. (Electrical/Civil) issued by the college/university.
  - iii. Degree Certificate
  - iv. Certificate from the Institute/University mentioning percentage marks obtained, in case of grading system.
  - v. Caste (SC/ST/SEBC) Certificate issued by the competent authority of Gujarat State.
  - vi. Valid EWS Certificate in prescribed form as per GR Dtd.25.01.2019 of Gujarat State in case of EWS category candidates.
  - vii. Valid Non-Creamy Layer Certificate in case of SEBC Category candidates.
  - viii. Domicile Certificate in case of candidate belongs to Gujarat State. Domicile certificate of other state will not be considered.
  - ix. Valid Disability Certificate of Civil Surgeon showing nature and percentage of disability in case of PwD candidates
  - x. Identity Proof (Voter ID / PAN Card / Aadhar Card / Driving Licence etc.) – Any One
  - xi. Necessary certificate in case of Ex-Serviceman.
3. In case of Dependent of Retired Employee of GETCO, Relieving Order or Certificate issued to the employee should be attached.
4. In case of widow applicants, death certificate of the husband and an undertaking to the effect that the applicant has not re-married.
5. "No Objection Certificate" from Government / Semi - Government / PSU Organizations where the candidate is employed at the time of selection and during subsequent period prior to joining.
6. Any Other document / certificate as required.



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## Normalization Methodology

1. The average of scores of each batch is calculated first. The average of marks is calculated as mentioned below.

$$\bar{x} = \frac{\text{sum of marks of all candidates in each batch}}{\text{Number of candidates in each batch}}$$

2. The batch with the highest average is considered as Base Batch. All other batches will be normalized against this Base Batch.
3. The **Standard Deviation** ( $\sigma$ ) of each batch is calculated. The formula to calculate the Standard Deviation is as mentioned below:

$$\sigma = \sqrt{\frac{\sum(x - \bar{x})^2}{N - 1}}$$

Where:

$\sigma$  = Standard Deviation

$x$  = score of the candidate

$\bar{x}$  = Mean of scores of all the candidates in the batch

$N$  = Number of candidates in the batch

4. Assuming that Batch-1 is to be normalized against Batch-2 (Base Batch), then the normalized score of candidate is calculated using the following formula:

$$X_n = \frac{S_2}{S_1} * (X - X_{avg}) + Y_{avg}$$

Where:

$S_1$  = Standard Deviation for Batch – 1

$S_2$  = Standard Deviation for Batch – 2 (Base Batch)

$X$  = score of the candidate

$X_{avg}$  = Average score of candidate's batch

$Y_{avg}$  = Average score of Base Batch

$X_n$  = Normalized score of the candidate

The same formula will be used in case there are more than two batches for a post.

5. The following points will be considered during scheduling of candidates.
  - i. Batches will have nearly equal number of candidates scheduled
  - ii. Equal distribution of candidates as per their categories.