

# Power Sector Skill Council

B-17, Qutab Institutional Area, New Delhi – 110016

## List of Job roles

S No.	Sector	Sub Sector	Name of Qualification	NQR code	QP Code	Minimum Qualification	NSQF Level	Notional Hours	Version	Valid Till	Job Description about Qualification
1	Power	Generation	Pipe Fitter (Power Plant)	QG-03-PW-01877-2025-V2-PSSC	PSS/Q0201	10th Pass OR 8th + 2 years NTC/NAC in relevant trade OR 8th + 3 years of relevant experience OR Previous relevant Qualification of NSQF Level 2 with minimum 3 years relevant experience OR Previous relevant Qualification of NSQF Level 2.5 with 1.5 years relevant experience	3	390	4	7.5.2028	The incumbent in the job is responsible for performing basic fabrication, fitting and assembly operations on various types of pipes to produce pipe work systems as per given specifications.
2	Power	Distribution	Engineer- Power Distribution	QG-06-PW-04246-2025-V2-PSSC	PSS/Q2103	Completed B.E/B. Tech in Electrical/ Electronics/ Instrumentation Engineering Or 12th pass plus 2 years of Diploma in Electrical/ Electronics/ Instrumentation Engineering with 3 years of Experience Or Completed 10th + 3 years Diploma in Electrical/ Electronics/ Instrumentation Engineering with 4.5 years of relevant Experience Or Previous relevant Qualification of NSQF Level 5 with minimum 3 years relevant experience Or Previous relevant Qualification of NSQF Level 5.5 with 1.5 years relevant experience	6	600	1	7.5.2028	The incumbent in the job works is responsible for power distribution system's erection and commissioning, operation & maintenance, testing & inspection of LT and HV systems and metering, billing, collection for distribution.
3	Power	Distribution	Junior Engineer- Power Distribution	QG-05-PW-01872-2025-V2-PSSC	PSS/Q2102	12th + 3 years Diploma in in Electrical/ Electronics/ Instrumentation Engineering OR 10th + 3 years Diploma in Electrical/ Electronics/ Instrumentation Engineering + 1.5-year relevant Experience OR Completed 2nd year of B.E/B.Tech in Electrical/ Electronics/ Instrumentation Engineering OR Previous relevant Qualification of NSQF Level 4 with minimum 3 years relevant experience OR Previous relevant Qualification of NSQF Level 4.5 with 1.5 years relevant experience	5	600	3	7.5.2028	This program is for training the candidates to become competent as a Junior Engineer - Power Distribution, who is responsible for installation of a power distribution system and operation, maintenance, testing & inspection of 33/11 substation.
4	Power	Distribution	Distribution Network Supervisor	QG-05-PW-03671-2025-V2-PSSC	PSS/Q0103	Completed 2nd year of B.E/B-Tech in Electrical/Electronics/Instrumentation trade OR Pursuing 2nd year of 2-year diploma in Electrical/Electronics/Instrumentation after 12th OR Completed 3 year diploma in Electrical/Electronics/Instrumentation trade after 10th plus 1 year of relevant experience OR 12th pass with any combination of NTC/NAC/CITS in relevant field OR Completed 3-year diploma after 10th plus 1 year of relevant experience OR Previous relevant Qualification of NSQF Level 4 with 3 years of relevant experience	5	570	4	17.02.2028	The incumbent in the job is responsible for construction, inspection, operation, maintenance and repair of overhead and underground power distribution systems
5	Power	Distribution	Distribution Network Lineman	QG-04-PW-03670-2025-V2-PSSC	PSS/Q2010	12th grade pass Or 10th grade pass plus 2-year NTC Or 8th pass plus 2-year NTC plus 1-Year NAC plus CITS Or 10th Grade Pass with 2 years relevant experience Or Previous relevant Qualification of NSQF Level 3 with minimum education as 8th Grade pass with 3 years relevant experience Or Previous relevant Qualification of NSQF Level 3.5 with 1.5 years relevant experience	4	390	5	17.02.2028	The incumbent in the job is responsible for construction, inspection, operation, maintenance and repair of overhead and underground power distribution systems
6	Power	Distribution	Attendant Sub Station (66/11, 33/11) - Power Distribution	QG-03-PW-04244-2025-V2-PSSC	PSS/Q2404	10th Pass OR 8th + 2 years NTC/NAC in relevant trade OR 8th + 3 years of relevant experience OR Previous relevant Qualification of NSQF Level 2 with minimum 3 years relevant experience OR Previous relevant Qualification of NSQF Level 2.5 with 1.5 years relevant experience	3	420	4	7.5.2028	This program is for training the candidates to become competent as an Attendant Sub Station (66/11, 33/11) - Power Distribution, who maintains all indoor and outdoor equipment at the distribution sub-station.
7	Power	Distribution	Technician Distribution Transformer Operation and Maintenance	QG-04-PW-04250-2025-V2-PSSC	PSS/Q2406	12th grade pass (Science) Or 10th grade pass plus 2-years NTC/NAC in relevant trade Or 10th Grade Pass plus 2nd year of 3 years Diploma in Electrical/ Electronics/ Instrumentation Engineering Or Previous relevant Qualification of NSQF Level 3 with minimum education as 8th Grade pass with 3 years relevant experience Or Previous relevant Qualification of NSQF Level 3.5 with 1.5 years relevant experience	4	480	2	7.5.2028	The incumbent in the job is responsible for checking, testing, operation, repair, overhaul, and maintenance of distribution transformer (DT) of rating 1110.433 kV.
8	Power	Distribution	Consumer Energy Meter Technician	QG-03-PW-01876-2025-V2-PSSC	PSS/Q0107	10th Pass OR 8th + 2 years NTC/NAC in relevant trade OR 8th + 3 years of relevant experience OR Previous relevant Qualification of NSQF Level 2 with minimum 3 years relevant experience OR Previous relevant Qualification of NSQF Level 2.5 with 1.5 years relevant experience	3	420	5	7.5.2028	The incumbent in the job is responsible for installation, removal and change of low voltage, single phase or three phase consumer energy meter, and supportive equipment at work site in accordance with energy providers' guidelines
9	Power	Distribution	Assistant: Electricity Meter Reader, Billing and Cash Collector	QG-03-PW-04242-2025-V2-PSSC	PSS/Q2403	10th Pass OR 8th + 2 years NTC/NAC in relevant trade OR 8th + 3 years of relevant experience OR Previous relevant Qualification of NSQF Level 2 with minimum 3 years relevant experience OR Previous relevant Qualification of NSQF Level 2.5 with 1.5 years relevant experience	3	330	3	7.5.2028	This program is for training the candidates to become competent as an Assistant: Electricity Meter Reader, Billing and Cash Collector, who records the energy reading, delivers the electricity bill and collects the bill payment paid by the prospective consumers

10	Power	Distribution	Technical Helper - Distribution	QG-02-PW-03672-2025-V2-PSSC	PSS/Q0101	Able to read and write	2	270	2	17.02.2028	The incumbent in the job is responsible for supporting linemen in constructing operating, maintaining and repairing overhead and underground power distribution systems.
11	Power	Down Stream Distribution	EV Charging Station Technician - Installation & Commissioning	QG-04-PW-03673-2025-V1-PSSC	PSS/Q2509	10th grade pass with Science background OR Pursuing 2nd year of 3-year regular Diploma (after 10th) in relevant trade OR 10th grade pass with two years of any combination of NTC/NAC/CITS or equivalent. OR 10th Grade Pass 2 year relevant experience	4	450	1	17.02.2028	The Electric Vehicle (EV) Charging Station Technician performs tasks for ensuring smooth installation and commissioning of Electric Vehicle (EV) charging station as per standard practices. S/he conducts site surveys and evaluates various parameters to decide suitability of site for the installation of EV charging station. Also, the individual installs and commissions the EV charging station at the respective site.
12	Power	Down Stream Distribution	EV Charging Station Technician- Operation & Maintenance	QG-04-PW-03674-2025-V1-PSSC	PSS/Q2417	12th grade pass with Science background OR Pursuing 2nd year of 3-year regular Diploma (after 10th) in relevant trade OR 10th grade pass with two years of any combination of NTC/NAC/CITS or equivalent. OR 10th Grade Pass 2 year relevant experience	4	450	1	17.02.2028	The Electric Vehicle (EV) Charging Station Technician performs tasks for ensuring smooth operation of electric vehicle (EV) charging station as per standard practices. S/he provides support to customers for charging various types of electric vehicles. Also, the individual ensures effective maintenance of the charging station as per standard practice.
13	Power	Down Stream Distribution	Assistant Technician-Street Light Installation and Maintenance	QG-03-PW-01878-2025-V2-PSSC	PSS/Q2508	10th Pass OR 8th + 2 years NTC/NAC in relevant trade OR 8th + 3 years of relevant experience OR Previous relevant Qualification of NSQF Level 2 with minimum 3 years relevant experience OR Previous relevant Qualification of NSQF Level 2.5 with 1.5 years relevant experience	3	300	4	7.5.2028	This program is for training the candidates to become competent as an Assistant Technician - Street Light Installation & Maintenance, who is responsible for making underground cables joints and preparing overhead cable terminations.
14	Power	Down Stream Distribution	Electrician -Domestic Solutions	QG-03-PW-04246-2025-V2-PSSC	PSS/Q6001	10th Pass OR 8th + 2 years NTC/NAC in relevant trade OR 8th + 3 years of relevant experience OR Previous relevant Qualification of NSQF Level 2 with minimum 3 years relevant experience OR Previous relevant Qualification of NSQF Level 2.5 with 1.5 years relevant experience	3	420	4	7.5.2028	The incumbent in the job is responsible for maintenance, troubleshooting and repairing of faults in electrical circuits of domestic wiring and electrical equipment installed in households.
15	Power	Distribution	Technician – Railway Track Electrification	QG-04-PW-00969-2023-V1-PSSC	PSS/Q2507	12th Grade Pass with Science Background OR Completed 2nd year of 3-year regular diploma in relevant field after 10th OR Pursuing 2nd year of 3-year regular Diploma in relevant field after 10th OR 10th grade pass with two years of any combination of NTC/NAC/CITS or equivalent in relevant trade OR Previous relevant Qualification of NSQF Level 3.5 with 1.5 years relevant Experience OR Previous relevant Qualification of NSQF Level 3 with 3 years relevant Experience	4	420	1	30.08.2028	The individual in the job will perform various activities related to railway track electrification such as testing of soil, erection of mast, stringing of overhead wires, testing & inspection of the other OHF etc. in adherence to procedures and standards mentioned in Research Design and Standard Organization (RDSO). The individual also performs erection & commissioning of railway substations.
16	Power	Distribution	Jr. Technician (Smart Energy Meter)	QG-03-PW-00968-2023-V1-PSSC	PSS/Q2508	OR 9th grade pass with 1 year relevant experience OR Grade 8 pass with two year of (NTC/ NAC) in relevant trade OR 8th grade pass with 2 year relevant experience OR 5th grade pass with 5 year relevant experience	3	420	1	30.08.2028	A Jr. Technician (Smart Energy Meter) meter technician, who is also known as Consumer Energy Meter Technician, performs installation and commissioning of conventional meters as well as smart meters in line with standard work practices.
17	Power	Transmission	Technician – Power System Transmission	QG-04-PW-00969-2023-V1-PSSC	PSS/Q3403	12th Grade Pass with Science Background OR Completed 2nd year of 3-year regular diploma in relevant field after 10th OR Pursuing 2nd year of 3-year regular Diploma in relevant field after 10th OR 10th grade pass with two years of any combination of NTC/NAC/CITS or equivalent in relevant trade OR 11 Grade Pass with 1 Year of relevant experience OR 10th Grade Pass with 2 year of relevant experience OR Previous relevant Qualification of NSQF Level 3.5 with 1.5 years relevant Experience OR Previous relevant Qualification of NSQF Level 3 with 3 years relevant Experience	4	420	1	30.08.2028	The individual in the job role maintains sub-station, poles, Towers and other related hardware in transmission system. They install, maintain and repair overhead and underground power lines and cables, and other associated equipment such as insulators, conductors, lightning arrestors, switches, metering systems, transformers and lighting systems.
18	Power	Generic	Industrial Electrician	QG-04-PW-00870-2023-V1-PSSC	PSS/Q1706	12th Grade Pass with Science Background OR Completed 2nd year of 3-year regular diploma in relevant field after 10th OR Pursuing 2nd year of 3-year regular Diploma in relevant field after 10th OR 10th grade pass with two years of any combination of NTC/NAC/CITS or equivalent in relevant trade OR 11 Grade Pass with 1 Year of relevant experience OR 10th Grade Pass with 2 year of relevant experience OR Previous relevant Qualification of NSQF Level 3.5 with 1.5 years relevant Experience OR Previous relevant Qualification of NSQF Level 3 with 3 years relevant Experience	4	540	1	30.08.2028	The Industrial Electrician will perform pipe and plate earthing and industrial wiring as per planned specifications. The individual will also perform installation and testing of switchgears and cables, control panel wiring of industrial AC motors, testing and maintenance of transformer, operation of DG sets and its controls as per specifications.
19	Power	Distribution	Smart Grid Technician	QG-04-PW-03317-2024-V1-PSSC	PSS/Q2416	10th grade pass plus completed 2 <sup>nd</sup> year of 03 years Engineering Diploma in Electrical/Electronics/Instrumentation Engineering OR 12th (PCM) grade pass (or) equivalent OR 10th plus completed 2-year NTC/NAC in relevant Trade OR Previous relevant Qualification of NSQF Level 3 with minimum education as 8th Grade pass with 3 years of relevant experience OR Previous relevant Qualification of NSQF Level 3.5 with minimum education as 8th Grade pass with 1.5 years of relevant experience	4	480	1	21.10.2027	The incumbent in the job is responsible for operation and maintenance of smart grid. The role of the technician is to undertake both planned and reactive operation and maintenance tasks across the range of smart grid systems.

20	Power	Green Hydrogen	Hydrogen Plant Technician (Installation, Commissioning and Maintenance)	QG-04-PW-03318-2024-V1-PSSC	PSS/Q4601	10th grade pass plus completed 2nd year of 03 years Engineering Diploma in Electrical/Electronics/Instrumentation Engineering OR 12th (PCM) grade pass (or) equivalent OR 10th plus completed 2-year NTC/NAC in relevant Trade OR Previous relevant Qualification of NSQF Level 3 with minimum education as 8th Grade pass with 3 years of relevant experience OR Previous relevant Qualification of NSQF Level 3.5 with minimum education as 8th Grade pass with 1.5 years of relevant experience	4	480	1	21.10.2027	The incumbent in the job is responsible for installation, testing, dismantling, repairing and replacing a range of instruments & faulty components, calibration & maintenance of Hydrogen Plant Instrumentation & Control System. He/She also undertakes both planned & Breakdown maintenance, setting up test equipment, troubleshooting of instruments, calibration of instruments, installation for expansion, modification & project work across the range of Instrumentation & Control System.
21	Power	Green Hydrogen	Hydrogen Plant Installation and Maintenance Supervisor	QG-05-PW-03319-2024-V1-PSSC	PSS/Q4602	Completed B.E./B.Tech in Electrical/Electronics/Instrumentation Engineering OR Completed 3 Years Diploma in Electrical/Electronics/Instrumentation Engineering with 1.5 year of relevant experience OR UG Diploma in Electrical/Electronics/Instrumentation Engineering with 1-year of relevant experience OR Previous relevant qualification of NSQF level 4.5 with 1.5 years of relevant experience OR Previous relevant Qualification of NSQF Level 4 with 3 years of relevant experience	5	540	1	21.10.2027	The individual in this job role is responsible for supervising and monitoring installation, operation, maintenance, testing and commissioning of the equipment, systems and sub-systems of a Green hydrogen production plant. The individual is also responsible for ensuring quality, material handling, mobilizing resources and coordinating with seniors.
22	Power	Distribution	Smart Meter Command Centre Operation	NG-06-PW-03793-2025-V1-PSSC	PSS/N4404	B.E./B.Tech (in Electrical/ Electronics/ Instrumentation Engineering) OR BSc in Electrical/Electronics/Instrumentation/Computer Science/Information Technology with 1.5 Years of relevant Experience OR B.E./B.Tech (Pursuing 4th year of B.E./B. Tech in Electrical/ Electronics/ Instrumentation Engineering) OR Completed 3-year diploma (after 10th) with 4.5 years of experience	6	60	1	17.02.2028	Command Centre Operator oversees and optimizes smart meter networks, utilizing technical expertise for real-time monitoring, troubleshooting, and effective communication from a central command center.
23	Power	Distribution	Smart Meter Customer Care	NG-04-PW-03794-2025-V1-PSSC	PSS/N1340	12th grade Pass (PCM) OR 10th grade pass plus 2-year NTC (NAC in relevant Trade) OR Completed 2nd year of the 3-year diploma after 10 OR Previous relevant Qualification of NSQF Level (3) with 3 Years of experience relevant experience OR Previous relevant Qualification of NSQF Level (3.5) with 1.5 years of experience relevant experience	4	60	1	17.02.2028	A Pre-paid Customer Care handles customer inquiries related to pre-paid meters, addressing issues such as disconnection, pre-payment, and display problems.
24	Power	Distribution	Smart Meter Configuration	NG-05-PW-03795-2025-V1-PSSC	PSS/N4501	Completed UG Diploma or equivalent in Electrical/Electronics/Instrumentation Engineering OR Pursuing UG Diploma or equivalent in Electrical/Electronics/Instrumentation Engineering OR Completed 3 years Engineering Engineering Diploma in Electrical/Electronics/Instrumentation Engineering OR 10th grade pass plus 2-year NTC/NAC in relevant Trade with 3 Years of relevant Experience OR Previous relevant qualification of NSQF level 4.5 with 1.5 years of relevant experience OR Previous relevant Qualification of NSQF Level 4 with 3 years of relevant experience	5	60	1	17.02.2028	The Smart Meter Configuration professional specializes in managing data and advising on pre-paid meter configurations in the power sector.
25	Power	Distribution	Bijli Mistri	QG-3.5-PW-046212025-V1-PSSC	Newly Developed Qualification (To be Added)	11th Grade pass OR Equivalent OR Completed 1st year of 3-year diploma after 10th OR 8th Grade pass with 3 years of relevant experience OR Previous relevant Qualification of NSQF Level 2.5 with 3 years of relevant experience OR Previous relevant Qualification of NSQF Level 3 with 1.5-year relevant experience	3.5	390	1	06.10.2028	The incumbent in the job is responsible for maintenance services on a diverse range of services including LV electrical distribution equipment, General & Emergency Lighting, LV power, Motors, Solar Water Pumps, Domestic Appliances and Control Systems. The role of the Bijli Mistri is to undertake both planned and reactive maintenance and repair tasks across the range of electrical building services, plant and equipment across and to be able to undertake their electrical work effectively.

**Abbreviations (as per National Council for Vocational Education and Training (NCVET) / National Skill Development Corporation (NSDC) / Ministry of Skill Development and Entrepreneurship (MSDE))**

-QP – Qualification Pack  
-NSQF – National Skill Qualification Framework

**Other Certification Training Programs:**

-Electrical Safety Training (02 Days) for Lineman & Helper in Power Distribution  
-Safety Training for Power Generation  
-Safety Training for Power Transmission