



Vidyut Kaushal

Newsletter

Power Sector Skill Council

विद्युत क्षेत्रीय कौशल परिषद

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President:
Shri R K Verma

Secretary:
Shri V K Kanjlia

Chief Executive Officer
Shri Vinod Behari

Power Sector Skill
Council (PSSC)
CBIP Building,
Malcha Marg,
Chanakyaauri
New Delhi-110021
[Tel:91-11-40793152](tel:91-11-40793152)
www.psscindia.org
E-mail:
ceo@psscindia.org

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• Power sector skill council (PSSC) Completes Skill Gap Analysis for Power Sector

Power sector skill council (PSSC), through consultants, undertook the activity to identify Job Role wise skill Gap in Power Sector till the year 2027. The study was undertaken in sub sectors such as Generation Transmission and Distribution including Downstream Activities. The methodology followed was in two parts. The first one primary Data Collection from various Power Utilities which included, one to one discussion, as well as discussion in regional workshops, where stakeholders were invited to draw a roadmap for next 10 years. The second approach, secondary data collection was through various websites, Google Search etc. The outcome of study indicated the following skill requirements till 2027.

S.No.	Sub Sector	Total Skill Requirement till 2027
1	Generation	
	• Thermal	26506
	• Hydro	36471
2	Transmission	169811
3	Distribution	409927
4	Downstream Activities	
	• Street Light (LED)	867030
	• Electrician Domestic Solutions(EDS)	
	Total	1609745

Further an action plan for skill Training of workforce was also worked out. The skill Gap Analysis and Action Plans were approved by Ministry of Power and sent to Ministry of Skill Development & Entrepreneurship for further action.

• PSSC Accomplishes Development of National Occupational Standards for 34 Major Job Roles Across Power Sector

Power sector skill council (PSSC) developed Qualification Packs (QPs) including National Occupational standards (NOSs) for each Job Role. These QPs were approved in QRC of NSDC and further put up to NSDA for their approved and entry into Skill Registry.

PSSC has developed 36 QPs, of which 34 are approved by QRC and 10 Job Roles have been entered into Skill Registry. **(Annexure I)**

• Learning Contents for 25 Job Roles Developed in Record Time

Learning Contents, Participant Handbook, Facilitator Guide have been developed for 25 Job Roles **(Annexure-II)**. This has been accomplished in remarkably record time of approx one year. Power Sector Skill Council (PSSC), for this purpose, has availed the expert services of its eminent resource persons and subject matter / domain expert who possess considerable experience and expertise in the field having held senior responsible position in power sector.

• A Major Enabler to Mass Skilling Initiative; Power sector skill council (PSSC) Completes Translation of Contents Into Regional Languages

The Participant Handbooks and Facilitator Guides developed were translated into Hindi and various Regional Languages like Marathi, Bengali, Telugu, Assamese, Oriya, Gujarati, Punjabi, Malayalam, Kannada etc. and quality reviewed by professionals having experience in the relevant field and proficiency in the language. **(Annexure-III)**

- **PSSC Supports PMKVY Training with Printing of Participant Handbook and Facilitator Guide**

Power sector skill council (PSSC) has released the following Six PMKVY Job Roles for mass printing in both English & Hindi.

- Lineman Distribution
- Consumer Energy Meter Technician
- Assistant Electricity Meter Reader, Billing and Cash Collector
- Attendant Substation (66/11, 33/11KV)- Power Distribution
- Technician Distribution Transformer Repair
- Assistant Technician Street Light Installation and Maintenance

- **Affiliation and accreditation of Training Partners and Assessment Bodies:**

Power sector skill council (PSSC) has affiliated 82 Training Providers and 20 Assessment Bodies after due-diligence of these organisations.

- **Rollout of training Programmes: PSSC Touches All Time High Record**

The status of progress is as below as of November 2017 :

Scheme	Completed	In Pipe line
Pradhan Mantri Kaushal Vikas Yojna 1.0, 2.0, and 2.0 RPL (PMKVY)	14748	11529
Non PMKVY	7075	15405
Total :	21823	26934

- **Collaboration with Schneider Electric Company in final stage:**

Power sector skill council (PSSC) jointly with National Skill Development Corporation (NSDC) entered into an MOU with Schneider Electric. Under the proposed arrangement, a Centre of Excellence (CoE) is to be set up, which will function as Centre for Training of Trainers (ToT), Training of Assessors (TOA) and other high end activities. This will be supported by Schneider Electric towards the cost of equipment and NSDC towards the availability of building and venue, while Power Sector Skill Council (PSSC) will be responsible for day-to-day operations. In addition, 100 Field Training Centres will be set up with the support of Schneider Electric in a phased manner under which Schneider Electric will collaborate with Training Partners of Power Sector Skill Council (PSSC) to fund the 50% cost of Lab/Workshop Equipments, while rest 50% will be funded by Training Providers. The CoE and Field Training Centres will cater to the areas of Distribution, Automation, Electrician and Solar Energy.

- **Power Sector Skill Council (PSSC) – Stakeholders Engagement Grow Phenomenally**

PSSC achieved major breakthrough having struck a record of engagement with 108 Industry Partners, 12 States Skill Missions, 9 universities and Academic Institutions, 2 Global and Overseas Organisations and 11 other organisations

With this Power sector skill council (PSSC), Stakeholders Network has grown phenomenally to acquire a truly national characters with huge diversity covering Power Generation, Transmission, Distribution & Downstream sub sectors, in addition to Power Equipment Manufacturers State Skill Missions & Governments, Universities & Academic Institutions, Global Partners and other organisations. While growing stakeholders engagement has been enabling PSSC scale up its initiatives substantially this will lead to further growth of its work including in education sector.

- **Roll out of Training Program on Safety aspects of Coal Handling Plant for NTPC**

Skill Development Initiative in Power Generation Area begin with NTPC. Having completed preparatory phase of development in power generation (Thermal) area, PSSC began skilling initiative at NTPC, Dadri Plant in NCR Region. First batch of training for operator Coal Handling area (Safety aspects) began at Dadri NTPC on 27.11.2017. The occasion was graced with the presence of Shri A N Verma, Executive Director (HR), Shri S K Singh, Group GM, Shri Pankaj Kumar, GM(HR),NTPC and Chief Executive Officer, Power Sector Skill Council Shri Vinod Behari and Shri P C Jain, Head QA&C, Power Sector Skill Council.

Developed by PSSC

Job Role (QP)	QP Code	Level	Training Hours
Distribution			
1. Senior Lineman Distribution #	PSS/ Q 0103	V	350
2. Distribution Lineman**	PSS/ Q 0102	IV	350
3. Lineman Construction**	PSS/Q 0108	IV	350
4. Consumer Energy Meter Technician #	PSS/ Q 0107	III	350
5. Technical Helper Distribution #	PSS/Q 0101	II	350
6. Engineer –Power Distribution #	PSS/ Q 7001	VI	350
7. Junior Engineer-Power Distribution #	PSS/Q 3004	V	350
8. Technician- Sub-Station Erection & Commissioning (66/11, 33/11 KV)- Power Distribution)	PSS/Q-3007	IV	350
9. Attendant Sub-Station (66/11, 33/11 KV)- Power Distribution	PSS/ Q 3002	III	350
10. Technician- Distribution Transformer Repair	PSS/Q-3003	IV	350
11. Assistant Electricity Meter Reader, Billing & Cash Collector #	PSS/ Q 3001	III	200
12. Cable Joints Electrical Power System #	PSS/ Q 1002	IV	200
13. Assistant GIS Mapping - Power Distribution	PSS/Q-3006	III	200
14. Technician Grid Sub Station O&M- Power Distribution (66/11, 33/11 KV)	PSS/Q-2001	IV	350
15. Lineman Distribution (Merged QP)	PSS/Q2010	IV	350
Transmission			
16. Senior Power System Technician	PSS/ Q 0106	V	350
17. Power System Technician	PSS/ Q 0105	IV	350
18. Helper – Power System	PSS/ Q 0104	II	350
19. Surveyor- Transmission Line	PSS/ Q 2002	IV	200
20. Tower Foundation Power Transmission	PSS/ Q 2004	IV	200
21. Technician- Tower Erection Power Transmission	PSS/ Q 2003	III	200
22. Engineer- Power Transmission	PSS/ Q 7003	VI	350
Generation			
23. Power Plant Mill Wright Fitter	PSC/ Q 0301	IV	350
24. Power Plant High Pressure Welder	PSS / Q 0401	IV	350
25. Pipe Fitter	PSS/ Q 0201	III	350
26. Operator Coal Handling - Thermal Power Generation	PSS/ Q1004	IV	200
27. Operator Ash Handling - Thermal Power Generation	PSS/Q 1001	IV	200
28. Operator Water treatment - Thermal Power Generation	PSS/ Q 1006	IV	200
29. Technical Helper Mechanical- Thermal Power Generation	PSS/ Q 1005	II	350
30. Technical helper Electrical- Thermal Power Generation	PSS/ Q 1003	II	350
31. Engineer Power Generation (Thermal)	PSS/ Q 1007	VI	550
Downstream Activities			
32. Supervisor -Street Lighting Solutions (Installation & Maintenance)	PSS/ Q 6002	V	200
33. Assistant Technician -Street Lighting Solutions(Installation &Maintenance) #	PSS/ Q 6003	III	200
34. Electrician Domestic Solutions	PSS/ Q 6001	III	350
35. Customer Care Representative- Power Distribution **	PSS/ Q 3005	IV	
36. Engineer Hydro Generation **		VI	

* The 2 QPs are merged to one QP titled “Lineman Distribution (PSS/Q2010)”

** 2 QPs yet to be approved by NSDC

The QPs are approved by NSDA and entered into National Qualification Registry (NQR)

Job Role (QP)	QP Code	Level	Training Hours
Distribution			
1. Senior Lineman Distribution	PSS/ Q 0103	V	350
2. Distribution Lineman*	PSS/ Q 0102	IV	350
3. Lineman Construction*	PSS/Q 0108	IV	350
4. Consumer Energy Meter Technician	PSS/ Q 0107	III	350
5. Technical Helper Distribution	PSS/Q 0101	II	350
6. Engineer –Power Distribution	PSS/ Q 7001	VI	350
7. Junior Engineer-Power Distribution	PSS/Q 3004	V	350
8. Attendant Sub-Station (66/11, 33/11 KV)- Power Distribution	PSS/ Q 3002	III	350
9. Technician- Distribution Transformer Repair	PSS/Q-3003	IV	350
10. Assistant Electricity Meter Reader, Billing & Cash Collector	PSS/ Q 3001	III	200
11. Cable Jointer Electrical Power System	PSS/ Q 1002	IV	200
12. Assistant GIS Mapping - Power Distribution	PSS/Q-3006	III	200
13. Lineman Distribution (Merged QP)**	PSS/Q2010	IV	350
Transmission			
14. Helper – Power System	PSS/ Q 0104	II	350
15. Tower Foundation Power Transmission	PSS/ Q 2004	IV	200
16. Technician- Tower Erection Power Transmission	PSS/ Q 2003	III	200
17. Engineer- Power Transmission	PSS/ Q 7003	VI	350
Generation			
18. Power Plant Mill Wright Fitter	PSC/ Q 0301	IV	350
19. Pipe Fitter	PSS/ Q 0201	III	350
20. Operator Coal Handling - Thermal Power Generation	PSS/ Q1004	IV	200
21. Operator Ash Handling - Thermal Power Generation	PSS/Q 1001	IV	200
22. Operator Water treatment - Thermal Power Generation	PSS/ Q 1006	IV	200
23. Engineer Power Generation (Thermal)	PSS/ Q 1007	VI	550
Downstream Activities			
24. Assistant Technician -Street Lighting Solutions(Installation &Maintenance)	PSS/ Q 6003	III	200
25. Electrician Domestic Solutions	PSS/ Q 6001	III	350

QPs marked (*) are merged to form a new QP (**)

List of Content - Translated into various languages

(Annexure III)

Sr. No.	Job Role (QP)	QP Code	Available Languages
1	Lineman Distribution	PSS/Q2010	Marathi
			Bengali
			Assamese
			Telugu
			Oriya
			Malayalam
			Kannada
			Gujarati
			Punjabi
2	Senior Lineman Distribution	PSS/Q0103	Marathi
			Bengali
			Oriya
3	Technical Helper Distribution	PSS/Q0101	Marathi
			Bengali
			Oriya
4	Consumer Energy Meter Technician	PSS/Q0107	Marathi
			Bengali
			Telugu
			Assamese
			Oriya
			Malayalam
			Kannada
			Gujarati
Punjabi			
5	Assistant Electricity Meter Reader, Billing & cash Collector	PSS/Q3001	Marathi
			Bengali
			Assamese
			Oriya
6	Technician Distribution Transformer Repair	PSS/Q3003	Marathi
			Bengali
7	Assistant Technician Street Lighting Solution (Installation & Maintenance)	PSS/Q6003	Marathi
			Bengali
			Assamese
			Oriya
8	Attendant Substation (66/11, 33/11 KV) Power Distribution	PSS/Q3002	Marathi
			Bengali
9	Electrician Domestic Solution	PSS/Q6001	Marathi
			Bengali
			Telugu
			Assamese
			Oriya
			Malayalam
			Kannada
			Gujarati
Punjabi			
Note: - All the above contents are developed in English and translated in Hindi.			

PHOTO GALLERY



MoU Signing Ceremony between NSDC,
Schneider Electric and PSSC at New Delhi



Visit of Hon'ble President of India Shri Pranab
Mukharjee at Deoghar Skill Fare, Deoghar,
Jharkhand held on 2nd-5th April 2017



Visit of Hon'ble Minister of State (Independent
Charge) for Skill Development & Entrepreneurship
and Hon'ble Minister of State Shri Mukhtar Abbas
Naqvi at Deoghar Skill Fare, Deoghar, Jharkhand
held on 2nd-5th April 2017



Inaugural Function for Training of Contractual
Employees of WBSEDCL held on 15th
December 2017



Visit of CEO, PSSC to Adani Power for
Organizing Training of Trainers (ToT) Program at
Tiroda, Nagpur on 16th October 2017



Inaugural Function of Skill Training Centre at
K.L. University, Guntur, Andhra Pradesh on 22nd
August 2017