



Vidyut Kaushal

Newsletter

(Power Sector Skill Council)

विद्युत क्षेत्रीय कौशल परिषद

Vol: One – Jan 2017

President:

Shri S D Dubey

Chief Executive Officer

Shri Vinod Behari

Power Sector Skill Council

CBIP Building,

Malcha Marg,

Chanakyaauri

New Delhi-110021

[Tel:91-11-40793152](tel:91-11-40793152)

www.psscindia.org

E-mail:

ceo@psscindia.org

Content Developed



Dear Friends,

It gives me great pleasure to launch the Newsletter, Vidyut Kaushal, of Power Sector Skill Council (PSSC). As you all know electric power is one of the important elements in the development of a nation. Today India ranks fourth in terms of installed generation capacity in the whole world. As on 30th June 2016 the installed capacity stood at 3, 03,118 which includes 2, 11,640 MW Thermal, 42,848 MW Hydro, 5,780 MW Nuclear and 42,849 MW from renewable energy sources and other sources. For transmission of this power we have 3,47,294 ckt kms of transmission lines (765kv, 400kv, 220kv, 132kv and 66kv) , 6,75,584 MW of transformation substation capacity and matching distribution network which delivers the power to the consumers. To manage this huge generation transmission and distribution capacity 13,73,340 personnel are deployed for construction, testing, commissioning, operation and maintenance of power systems. It is estimated that an additional 15 lakhs employees would be needed by 2027 to manage the capacity addition during the period 2017-2027. A major portion of the manpower will be from outsourced agency, both regular and outsourced employees need to be skill trained to meet the requirement. At Power Sector Skill Council our aim is to ensure that skilled and certified manpower in adequate number is made available across various segments of the industry for which several initiatives have been taken. This newsletter of PSSC will help stakeholders at large to understand the activities undertaken and progress made in the area of skilling human resources for power sector. I wish success to the CEO of PSSC and his team in their endeavour.

With Best Regards,

S.D. Dubey
President, PSSC

Background, Objective and Role of Power Sector Skill Council

Background

Power Sector Skill Council (PSSC), a not for profit organisation, registered under the society registration act 1860. The council has been promoted by Central Electricity Authority (CEA) on behalf of ministry of power, Ministry of New and Renewable Energy (MNRE) and Indian Electrical and electronics Manufacturers Association (IEEMA) with financial support by National Skill Development Corporation (NSDC). The key objective of the PSSC is to ensure that skilled and certified manpower in adequate number is made available across various segments of the industry. PSSC will identify skill gaps, and frame occupational standards in order to facilitate development of practical and high quality training content. For the purpose of skill development the scope of the Power Sector Skill Council (PSSC) would cover the following segments jointly referred as Power Industry:

1. Power Sector: Electricity Generation (Thermal, Hydro, Gas, Nuclear), Transmission, Power system Operations and Distribution
2. Renewable Energy Sector
3. Power Equipment Manufacturing Sector

Role of Power Sector Skill Council

1. Development of Qualification Packs:

A qualification pack (QP) defines the set of NOS which are aligned to one job role. The National Skill Qualification Framework (NSQF) organizes qualifications according to series of level descriptors covering knowledge, skills and aptitude. The NSQF requires the PSSC when developing Qualifications Packs and NOS identify a corresponding NSQF level using the NSQF level descriptors and this information be included in NSQF level field in the QP. PSSC analyze the skill gaps by the skill gap analysis in power industry. PSSC identify the job role across the different sub sector of power sector in consultation with the industry which has high employment opportunity. Development of job role incorporating the inputs of the industry. Take inputs from various experts on industry practices while developing the qualification pack. The developed QP needs to be send to industry partners for their comments and observation. After receiving the minimum number of validations required as per NSDC guidelines the qualification pack sent for QRC clearance. After QRC clearance training can be rolled out on that particular job role.

2. **Course Content Development:**

Development of course content for the identified QPs by PSSC. The course content must cover all the NOS which are included in the respective QP with detail of Organisational Context and Technical Knowledge. For each QP a participant handbook and facilitating guide has to be developed.

So far we have developed 37 QP/NOS related to Generation, Distribution, Transmission and downstream activities. Participant Handbook and facilitation Guides are developed for 9 Job roles.

3. **Affiliation of TP:**

PSSC has developed the application forms and protocol for affiliation of Training Provider. These documents are uploaded on PSSC website.

Tps, who are desirous of affiliation download the documents and applied to PSSC.

If some document as per the checklist is found to be unavailable then PSSC intimate TP. After scrutinising the application PSSC informs the TP regarding selection/rejection of application within 15 days. PSSC to sign the Service Level Agreement (SLA) with TP if they are found to be eligible. PSSC to share details of affiliated TP with NSDC on a monthly basis. PSSC to upload details of affiliated TP on the website.

4. **Affiliation of AB:**

PSSC has developed the application forms and protocol for affiliation of Assessment Bodies. These documents are uploaded on PSSC website.

ABs, who are desirous of affiliation download the documents and applied to PSSC.

If some document as per the checklist is found to be unavailable from the affiliation form then PSSC intimate TP. After scrutinising the application PSSC informs the AB regarding selection/rejection of application within 15 days. PSSC to sign the SLA with AB if they are found to be eligible.

Activities Undertaken So Far: Memorandum of Understandings (MOUs) Signed

MoU with State Power Utilities:-

- 1) North Bihar Power Distribution Company Limited (NBPDC)
- 2) South Bihar Power Distribution Company Limited (SBPDCL)
- 3) Manipur State Power Distribution Company Limited (MSPDCL)
- 4) West Bengal State Distribution Company Limited (WBSDCL)
- 5) North Eastern Electricity Supply Company (NESCO), Odisha
- 6) Odisha Power Transmission Corporation Limited (OPTCL)
- 7) Southern Electricity Supply Company (SOUTHCO), Odisha
- 8) Western Electricity Supply Company (WESCO), Odisha
- 9) Tripura State Electricity Corporation Limited (TSECL)
- 10) Madhya Pradesh Poorv Kshetra Vidyut Vitaran Co. Ltd. (MPPKVCL)
- 11) Hydro Power Development Corporation of A.P. Limited (HPDCAPL)
- 12) Chhattisgarh State Power Distribution Company Limited (CSPDCL)
- 13) Bihar State Power Holding Company Limited (BSPHCL)
- 14) Karnataka Power Transmission Corporation Limited (KPTCL)
- 15) Jharkhand Bijli Vitaran Nigam Limited (JBVNL)

MoU with State Skill Missions:-

- 1) Andhra Pradesh State Skill Development Corporation (APSSDC)
- 2) Additional Skill Acquisition Programme (ASAP), TVPM (Kerala)
- 3) Uttar Pradesh Skill Development Mission (UPSDM)
- 4) Jharkhand Skill Development Mission Society (JSDMS)
- 5) Rajasthan Skill & Livelihoods Development Corporation (RSLDC)
- 6) Himachal Pradesh Kaushal Vikas Nigam (HPKVN)
- 7) Uttarakhand Skill Development Mission
- 8) State Institute of Capacity Building (SICB), Sikkim-Gangtok

MoUs also signed with:-

- 1) Electronic Sector Skill Council of India (ESSCI)
- 2) National Instt. for Entrepreneurship & Small Business Dev. (NIESBUD)
- 3) Chitkara University
- 4) Pusa Institute of Tech, Dir. of Training & Tech. Education, Govt. of NCT, Delhi
- 5) Commonwealth Educational Media Centre for Asia (CEMCA)
- 6) Australia India Business Council (AIBC)
- 7) Indian Electrical & Electronics Manufacturers' Association (IEEMA) and National Power Training Institute (NPTI)
- 8) Ministry of Education, Govt. of France, MSDE, NSDC and Schneider Electric India Foundation
- 9) National Backward Classes Finance & Development Corpn. (NBCFDC)

Achievements:

- Number Of Training Providers Affiliated -63
- Number of Assessment Bodies Affiliated-11
- Number of Training Of Trainers Conducted-12
- Number of Certified Trainers-95

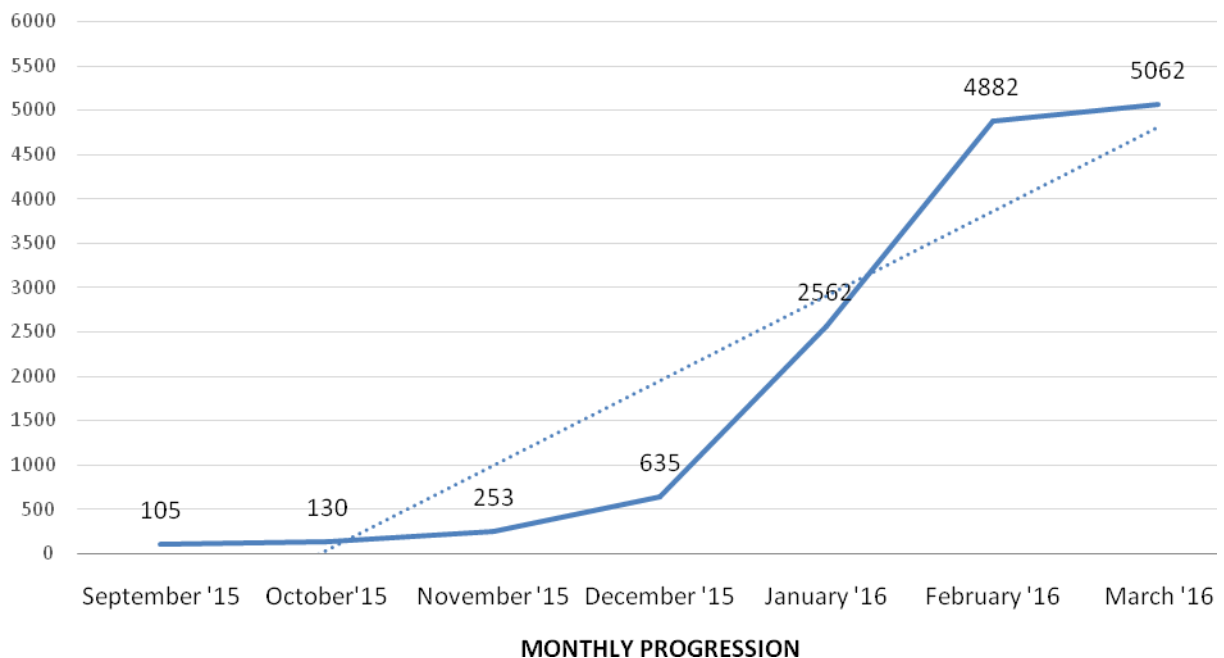
Under PMKVY

- Trainees Enrolled-5062
- Trainees Passed-4037
- Trainees Certified-3326

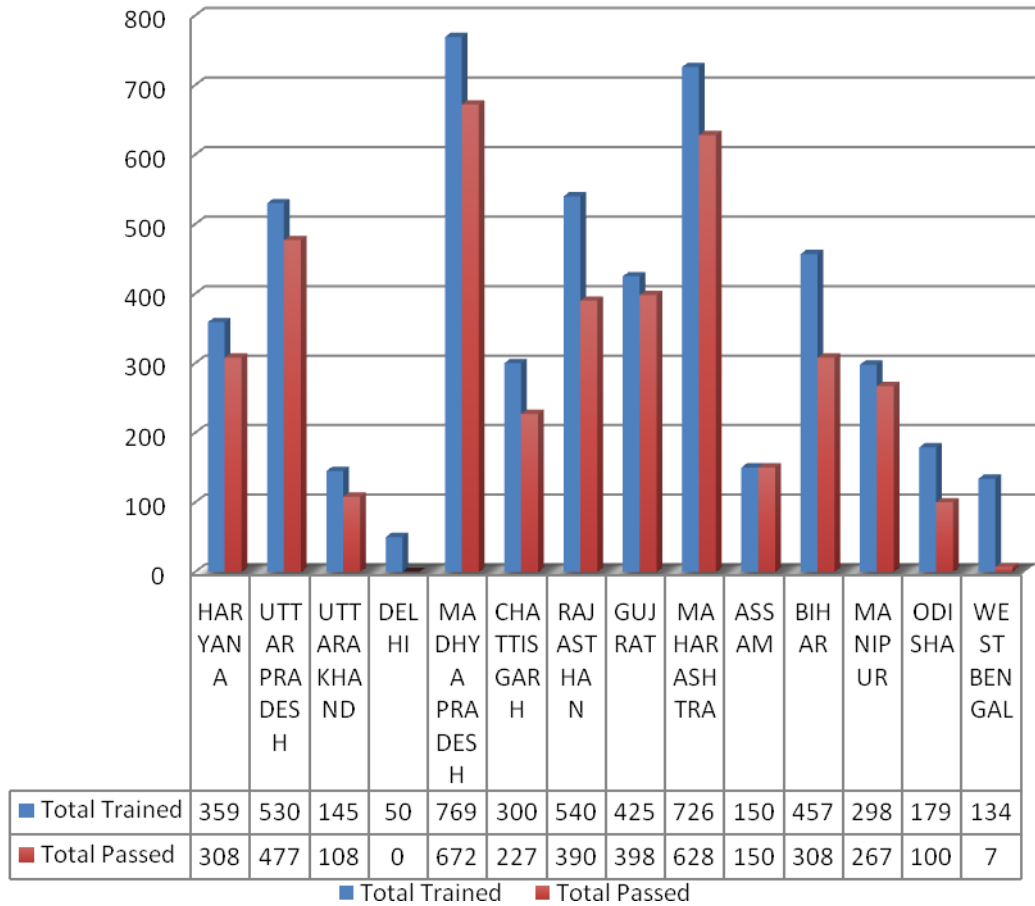
Under Non-PMKVY

- Trainees Enrolled-181
- Trainees Passed-177

TOTAL PARTICIPANT TRAINED (As on 31st March 2016)



STATE-WISE ENROLMENT (As on 31st March 2016)



EVENTS



MOU signed between PSSC and Manipur State Power Distribution Company Ltd.



MOU signed between PSSC and Odisha Power Transmission Company Ltd (OPTCL)



MOU signed between PSSC and U.P. Development Mission (UPDM)



MOU signed between PSSC and Kerala Addl. Acquisition Programme Gov't. of India



Advocacy Workshop on Skill Development Initiatives in Bangalore