

1. **Name** : Vishwa Jeet Talwar
2. **Present Position:** Independent Consultant with expertise in power sector policy, regulation and law
3. **Employer:** Self Employed
4. **Date of Birth:** 15<sup>th</sup> July 1949    **Nationality:** Indian
5. **Education**

<i>School, college and/or University Attended</i>	<i>Degree/certificate or other specialized education obtained</i>	<i>Date Obtained</i>
SB DAV School, Lodhi Road, New Delhi	Higher Secondary	July 1965
G B Pant Polytechnic	Diploma in Electrical Engineering	July 1968
Sec A & Sec B of Institution of Engineers	Degree in Electrical Engineering. Was awarded Gold Medal for securing highest marks in Sec –B	November 1971
Delhi University	LLB	July 1978

6. **Professional Certification or Membership in Professional Associations:**

Associate Member of Institution of Engineers (India)

7. **Other Relevant Training:**

- 14 Weeks Training in Power Distribution at Osaka, Japan under Japan International Cooperation Agency. (August 1982 to Oct 1982)
- 11 Weeks Training in Power Transmission Planning at Hydro Qubec (April 1983- June 1983)
- 2 weeks Training at IP3, Washington, USA on Regulations on Public Private Partnership (May 2008)
- 2 weeks Training at London on Regulations (August 2009)
- 1 Week Training at University of Florida, USA on Regulations (August 2012)

8. **Countries of Work Experience:** India

9. **Languages:** *English* and *Hindi* Good in Speaking, reading and writing

10. **Employment Record:**

My 45 years of work-experience (each tenure indicated below) can be divided into 3 phases:

- (a) 6 years (1968 to 1974) as a young engineer handling maintenance of grid sub-stations, distribution systems at the Delhi Electricity Supply Undertaking (DESU)
- (b) 27 years (1974 to 2001) at various positions in the national power system planner Central Electricity Authority (CEA) focusing on transmission network/grid issues. Some of the salutary experiences include
  - (i) Appraisal of Project Reports of SEBs for Transmission System at 132 kV level and above.
  - (ii) Transmission Planning in Northern Region and Western Region based

on Load Flow and Transient Stability Studies.

- (iii) Transmission Design including Insulation Coordination of GSS indoor substations using EMTP.
  - (iv) EHV Grid Management and Operation.
  - (v) Development of software including software for load flow studies and graphic representation of results.
- (c) Last 12 years (2001 to 2013) in various capacities handling diverse regulatory issues both at the first instance regulator as also at the national appellate body. Some of the salutory experiences include
- (i) Authored more than 50 tariff orders and judgments at regulatory level
  - (ii) Authored Regulations required under the Electricity Act 2003 including Terms and Conditions for Tariff Determination of generation. Transmission and Distribution, Grid Code, Supply Code, Open Access Regulations, Conduct of Business etc.
  - (iii) Privatized power sector in national capital Delhi(licensing, tariff determination, network access, universal supply obligation, system upgradation, metering, SCADA implementation, HVDS implementation et al)
  - (iv) Headed Regulatory Commission of the hilly hydro-potential rich state of Uttarakhand. Authored Tariff Regulations for development of Renewable Sources of Energy including Small HEP (up to 25 MW).
  - (v) Authored more than 200 judgements in my 3 year tenure the national appellate tribunal.
  - (vi) .....

- **From December 2013 onwards**

**Independent Consultant in the field of Regulatory Matters relating to Power Sector.**

Advice various power utilities, generation companies, transmission licensee on technical and regulatory matters.

Vetting of petitions/appeals, written reply and submissions before State Regulatory Commissions, Appellate Tribunal for Electricity and Supreme Court.

- **From December 2010 To December 2013**

Employer: Ministry of Power, Government of India

Position: Technical Member of Appellate Tribunal for Electricity, the statutory appellate authority for all decisions made by Electricity Regulatory Commissions in India and Petroleum & Natural Gas Regulatory Board. The office had the status and conditions of service at par with a

sitting Judge of the High Court of Delhi

- **From July 2007 To December 2010**

Employer: State Government of Uttarakhand

Position: Chairman, Uttarakhand Electricity Regulatory Commission,  
Dehradun

- **From: April 2006 To July 2007**

Employer: State Government of Uttarakhand

Position: Technical Member Uttarakhand Electricity Regulatory Commission,  
Dehradun

- **From: September 2001 to April 2006**

Employer: Government of National Capital territory of Delhi

Position: Director Engineering with additional charge of Director Tariff, Delhi  
Electricity Regulatory Commission

- **From: July 1999 to September 2001**

Employer: Northern Regional Electricity Board

Position: Superintending Engineer (Operation)

- **From: November 1995 to July 1999**

Employer: Central Electricity Authority

Position: Director (Transmission System Planning)

- **From: May 1982 to November 1995**

Employer: Central Electricity Authority

Position: Deputy Director (Transmission System Planning)

- **From: December 1974 to May 1982**

Employer: Central Electricity Authority

Position: Assistant Director (Transmission System Planning)

- **From: August 1968 to December 1974**

Employer: Delhi Electricity Supply Undertaking

Position: Junior Engineer