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भारत सरकार  
GOVERNMENT OF INDIA  
केन्द्रीय विद्युत प्राधिकरण  
CENTRAL ELECTRICITY AUTHORITY  
विद्युत मंत्रालय  
MINISTRY OF POWER  
सेवा भवन, रामकृष्ण पुरम्  
SEWA BHAWAN, RAMAKRISHNA PURAM

नई दिल्ली-110066, दिनांक :

NEW DELHI-110066, Dated :

संख्या: . 6/214 /के.वि.प्रा/ ई एंड सी/एफ एंड सी ए/

16.12.2015

To

As per List

**Subject : Minutes of Meeting of Third meeting of the Committee to Review the National Electricity Policy (NEP)**

The Third meeting of the Committee was held on 11.12. 2015 at 11.00 Hrs. in the Conference Room (2<sup>nd</sup> Floor) of CEA, Sewa Bhavan. The Minutes of Meeting are attached for kind information and necessary action.

*P. Batra* 16/12/2015

(Pankaj Batra)  
Chief Engineer (F&CA)  
& Member Convener of the Committee

## **Members of Committee**

1. Shri Gyanesh Bharti, Director (R&R), MoP
2. Shri S.K. Chatterjee, Jt.Chief (Regulatory Affairs), CERC
3. Shri S.K. Soonee, CEO, POSOCO
4. Managing Director, MAHAGENCO
5. CMD, APTRANSCO
6. CMD, Chattisgarh State Power Distribution Company Ltd.
7. CMD, West Bengal State Electricity Distribution Company Ltd. (WBSEDCL)
8. CEO & Managing Director, Tata Power Delhi Distribution Ltd. (TPDDL)
9. Shri Shantanu Dixit, Coordinator, Prayas (Energy Group)
10. Shri Prabir Neogi, Chairman, FICCI Power Committee and Chief Executive Corporate Affairs, RP-Sanjeev Goenka Group

Copy for kind information to:-

1. Chairperson, CEA
2. Member (E&C), CEA
3. Joint Secretary (R&R), Ministry of Power

## **MINUTES OF THE THIRD MEETING OF THE COMMITTEE CONSTITUTED BY THE MINISTRY OF POWER TO REVIEW THE NATIONAL ELECTRICITY POLICY**

The third meeting of the Committee constituted to review the National Electricity Policy (NEP) was held on 11.12. 2015 in the Conference Room (2<sup>nd</sup> floor) of CEA at 11.00 AM. The list of the participants is enclosed as **Annexure-I**. Shri Major Singh, Chairperson, CEA, and Chairperson of the Committee welcomed all the participants to the meeting and stated that the Committee would be submitting the Report to the Ministry of Power shortly. The amendments to the Tariff Policy, which are to be considered for incorporation in the National Electricity Policy have presently been put up to the Cabinet for approval and the amended Tariff Policy is expected to be notified soon. After notification, these changes would be correspondingly incorporated in the NEP. He stated that the focus issues were put up on the website of CEA for wider stakeholder consultation; however, very few comments have been received. Recently comments have been received from Railways and Maharashtra State Power Generation Company (which has collated the comments of the other two companies i.e. MSEDCL and MSETCL in addition to its own). He stated that some amendments were required to be carried out under Hydro generation, where the 50,000 MW hydro initiative has been mentioned. He also stated that R&M in hydro power plants should be mentioned. He stated that the proposed amendments in the NEP, shown in Track changes mode, have been made and copies of these have been circulated in the meeting. A copy of the same is at **Annexure-II**. He requested Member Convenor to highlight the main changes in the document.

Member Convenor showed the main changes in the document on the screen for discussions and further inputs of the members, if any.

Shri S.K. Soonee, CEO, POSOCO suggested that the distribution reforms and the Distribution System Operator (DSO) would have a big role to play in future and hence this should be incorporated in the National Electricity Policy. He stated that the DSOs in UK were very active. There also has to be an interface design between SLDC and the DSOs.

He further stated that the Indian power system needs improvement w.r.t. quality of power supply and that we should have some standards to be followed and penalties for non-following of the same. Cost has to be associated with quality of supply and Value Of Lost Load (VOLL) should be calculated by each of the state Regulators. Member Convenor mentioned that standards on quality of power supply were already there under the CEA Connectivity Standards and Grid Standards, but these were at a voltage level of 33 kV and above. May be CEA needs to make Standards for distribution level voltage. In this connection, Jt.Chief, CERC, stated that a Base paper on Power quality has been prepared by Forum of Regulators and has been circulated to State Regulators for their comments.

Shri Soonee further stated that under the Human Resources Development section of the policy, the word 'Training' should be replaced by 'skill development'. Further, it also has to be ensured that there should be adequacy of human resources.

Chief Engineer (IRP), CEA stated that in these days of extensive data being available, data mining, data warehousing and data analytics would play a large role. Shri Soonee stated that since Information Technology (IT), communication and the resulting cyber security in the power sector would play a big role in the future it should be included as one of the issues addressed in the NEP. He stated that there should be R&M in Transmission and Renewable energy sources also in addition to generation, since transmission lines can be uprated through re-conductoring and wind generators with latest technology of larger hub-heights and bigger spans can produce much more power at the same location as compared to earlier wind generators, which have become old and used older technology. International connections should be encouraged and there should also be cross border trade mentioned in the NEP. In this connection, Jt.Chief (RA) CERC stated that CERC is making Regulations on the issue.

Shri Soonee suggested that captive diesel based generators should not be required if there is sufficient power available in the grid. Instead there should be a new topic on the distributed generation. He further stated that under the Head R&D, in addition to R&D in storage technology, R&D in power markets should be mentioned.

Shri Soonee stated that there should also be a separate para on Power Markets which would include different types of power markets as well as power exchanges and the concept of aggregators. There should also be an integrated approach in development of the power sector, which has been lacking so far.

Shri Prabir Neogi, Representative of FICCI stated that the thrust on climate change should also find its way in the NEP. Focus on renewable generation is a national goal under climate change policy. Demand response should also be included. Under Distributed generation, micro grids should also be mentioned. Balancing generation, which is going to become very important for balancing the intermittency of Renewable Energy Sources should also be mentioned under the Head Generation. He also mentioned that Peaking type of generators should be encouraged. He stated that any new gas power plants that are set up in future should necessarily have characteristics needed for peaking power plants and reserve power plants. Reliability standards with such intermittent generation need to be formed by National Reliability Council for Electricity (NRCE). NRCE should be specifically mentioned in the NEP.

Shri Neogi further stated that demand side management should be specifically mentioned along with supply side management which would include energy conservation and energy efficiency. He stated that in Gujarat, cluster metering for some group of houses in rural areas is done which has been proved to be cost effective. This could be indicated in the Policy. He stated that energy storage resources, which would be required in a big way in future, should also find a mention in the NEP.

Director, MNRE and the Representative from NHPC stated that they would submit their comments shortly.

Chairperson of the Committee stated that all Members who gave their comments, should give a copy in writing within 2 days. He thanked everyone for the useful suggestions given in the meeting and stated that these would be incorporated and sent to all members by the end of next week for their perusal, after which there could be one more meeting for approving the changes, if required.

The meeting ended with thanks to the Chair.

**ANNEUXRE-I**

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