

# **Before The J&K State Electricity Regulatory Commission Jammu**

**Petition No. JKSERC/39/SM of 2013**

**In the matter of:**

Implementation of the provisions of Sub-Section (4) of Section 3 of Jammu & Kashmir Electricity Act, 2010 regarding preparation of State Electricity Plan and matters related thereto.

**And**

**In the matter of:-**

1. Principal Secretary, Power Development Department, J&K Govt. Jammu.
2. Commissioner Secretary, Science & technology Department, J&K Govt. Jammu.
3. Managing Director, J&K State Power Development Corporation, Jammu.
4. Development Commissioner (Power), PDD, Jammu.
5. Managing Director Chenab Valley, Power Corporation, Jammu.
6. Executive Director, NHPC, Jammu.
7. Executive Director, PGCIL, NR-II, Jammu.
8. Chief Engineer, System & Operation Wing, Jammu.
9. Chief Engineer, System & Operation Wing, Kashmir.
10. Chief Engineer, Maintenance & RE Wing, Jammu
11. Chief Engineer, Maintenance & RE Wing, Kashmir.
12. Chief Engineer, Planning & Designing Wing, JKPDD, Jammu.
13. Chief Executive officer, J&K Energy Development Agency, Jammu.
14. Chief Executive Officer, Ladakh Renewable Energy Development Agency (LREDA).
15. Chief Executive Officer ,Kargil Renewable Energy Development Agency (KREDA).

**(Respondents)**

**Present:**

Hon'ble Sh. Basharat Ahmad Dhar, Chairperson.

**Present on behalf of Respondents:**

**S/Sh.**

1. Asgar Ali Majaz, Development Commissioner (Power) J&K.
2. Shahnaz Goni, Chief Engineer, EM & RE Wing, Jammu.
3. Bashir Ahmad Khan, Chief Engineer, EM&RE Wing, Kashmir.
4. Khurshid Ahmad Badoo, Chief Engineer, Commercial & Survey Wing, Kashmir.
5. Ravi Chanyal, Chief Engineer, Planning & Designs J&K.
6. Azhar Vakil, AEE, DCP Office.

**ORDER**

**(Passed on this 13<sup>th</sup> Day of March, 2015)**

1. The case came up for hearing today before the Commission. The Commission in its order dated 10.03.2014 and reiterated in order dated 10.07.2014 had passed the following directions:-
  - PDD, being the sole Transmission & Distribution utility in the state, has the responsibility of planning and construction / augmentation of its T&D system not only to match the unrestricted peak demand of the state in future but also to allow wheeling and transmission of power generated from a large number of generating stations which are envisaged to come up through various agencies, as per the submissions of respondents in the preceding paras and which are to inject power into the PDD network at different voltage levels for the purpose of utilization/wheeling/transmission. The plans submitted by PDD are incomplete. The Utility is directed to complete the system study without further loss of time, taking help from CEA or any other agency equipped with modern tools. The detailed proposals supported by system studies should indicate year wise phasing for implementation, financial estimates and financing plans along with location wise details matching the load growth.

- The Utilities shall ensure that the time lines for construction of power evacuation system and those for construction of generating stations are matching so that there is no loss of generation as has happened in the case of Chutak and Nimmo Bazgo projects in Ladakh region.
- 220/132 kV Aulesteng Grid Station is a critical link for connectivity of Ladakh Region with the Northern Grid through proposed 220 kV Srinagar-Leh Transmission Line, being constructed by PGCIL. J&K PDD needs to complete the construction of this vital grid station on priority as its completion is otherwise also critical to the completion of 220 kV ring in Kashmir Valley. Similarly other left over works under PMRP also need to be completed at the earliest to remove the deficiencies in infrastructure for improving reliability of the system.
- LREDA & KREDA have taken up construction of Power Projects in EPC mode. The J&K Govt. Policy for development of Micro/Mini Hydro Power Projects-2011 also specifies that projects upto 2 MWs should be allotted to IPPs. The projects being constructed in EPC mode will have to be taken over by the concerned Agencies after completion, for operation & maintenance which would be a major challenge for these two Agencies. These concerns would need to be addressed now and remedial actions taken.
- For evacuation plans for large power projects, being developed by JKSPDC, CVPPP and other agencies need to follow the matter of connectivity/ long term access with PGCIL (CTU) regularly. As per PGCIL, these Agencies are yet to place the requisitions for Long Term Access for use of the Transmission System of the CTU for evacuation of power. All the concerned Generating Utilities are directed to place requisition for long term access with the concerned quarter/CEA.

- PGCIL has established two new 400/220 kV sub-stations at new Wanpoh (Kashmir) and Samba (Jammu) with transformation capacity of 2 x315 MVA at each sub-stations. By commissioning of these sub-stations, additional sources of power have become available within the State at load centers thereby improving the reliability of the system by removing system constraints. However, no action has been taken by PDD so far towards connecting its 220 kV Transmission System with PGCIL sub-stations mentioned above. The Commission directs Power Development Department to take immediate steps towards the evacuation of power at 220 kV level from the new PGCIL sub-stations.
- JKPDD is directed to take immediate steps with regard to the implementation of R-APDRP (Part B) as its implementation has been inordinately delayed to the disadvantage of the State.
- The Commission noted with concern that the Task Force and the Technical Committee, as per the decision taken by BODs of JKSPDC in its 68<sup>th</sup> meeting on 20-02-2013, have not been constituted so far. The Commission strongly feels that constitution of the Task Force/committee is critical for ensuring coordination amongst various agencies in preparation of the action plan, prioritizing the requirements, identifying resources for funding the action plan and to monitor the implementation of the plans/project as per the stipulated time lines. Accordingly, the Commission directs that the Principal Secretary, PDD should take immediate action towards constitution of the Task force & Technical Committee for the purpose of assessment of requirements of power infrastructure in the state during 12<sup>th</sup>& 13<sup>th</sup> plan period based on demand projections and requirement on account of evacuation & utilization of power from various ongoing/upcoming projects. He shall also coordinate the implementation of plans of all the agencies responsible for development of generation, transmission

& distribution systems in the state. The progress report shall be submitted to the Commission on a quarterly basis. Latest status in the matter be submitted by the end of June 2014.

2. PDD was directed to furnish a status report on the action taken on directives by 10.08.2014 and the case was fixed for hearing on 09.09.2014 at Srinagar. However, due to floods the case could not be heard.
3. The case again came up for hearing on 25.11.2014 at Jammu. As the Utility failed to submit the status report on compliance of its directives, the Commission again directed the respondents (PDD) to file compliance report within four weeks and the case was fixed for next hearing on 07.01.2015.
4. On the request of the Utility the hearing of the case was adjourned again and it came up for hearing on 10.03.2015.
5. The PDD after much delay has submitted a status report on the State Electricity Plan on 04.03.2015 which is as follows:-
  - The J&K Power Development Department in compliance to the provision of Sub-section (4) of Section of Jammu & Kashmir Electricity Act, 2010 regarding preparation of State Electricity Plan published the Draft State Electricity Plan on 29.08.2014.
  - Comments and suggestion were sought from various stakeholders and general public through print media and the draft plan was also uploaded on departmental website [www.dcpjkdtd.in](http://www.dcpjkdtd.in)
  - The draft plan was also sent to J&K State Electricity Regulatory Commission vide communication No. DC/PD/TO-I/42/896-906 dated 01.09.2014 for valuable comments and suggestion of the Hon'ble Commission.
  - Comments/suggestions of Hon'ble Commission, the draft plan was sent to Central Electricity Authority for expert comments vide email and communication No. DC/PD/TO-I/42/1473 dated 02.01.2015.
  - All other comments and suggestion of the Hon'ble Commission have been noted and circulated among stakeholders vide communication Nos.

DC/PD/TO-I/42/1431-35, 1426-30, 1436-41 dated 29.12.2014 and shall be incorporated in the final document.

- Vide Govt. Order No. 167-PDD of 2014 dated 31.07.2014, a technical committee headed by Principal Secretary (Power) has been constituted for addressing transmission planning issues. The other members of the committee are Chief Engineer S & O Wing Jammu, Chief Engineer S & O Wing Kashmir, Chief Engineer C & S Wing JKPDD.
- The detailed DPRs of the Transmission Plan have been sent to the Govt. for arranging the requisite funds as per the year wise phasing for 12<sup>th</sup> and 13<sup>th</sup> plan.
- J&K Power Development Department has also received a communication from CEA for Transmission System studies and for firming up the transmission schemes for 20 year perspective plan. Chief Engineer S & O Wing, Jammu has been designated as a Nodal Officer to co-ordinate on behalf of J&K PDD with CEA for carrying out system studies and explore the possibility of funding from MoP GoI in respect of the Transmission Plan. The department shall keep the Hon'ble Commission informed on the developments in this regard.
- In the Distribution segment of the J&KPDD, R-APDRP scheme is under progress in 30 towns of the State Rs. 151.99 Cr is being spent on part-A of the programme for preparation of Base-line data for the project area covering Consumer Indexing, GIS Mapping, Metering of Distribution Transformers and Feeders and implementation of information Technology for meter reading, billing & collection, energy accounting & auditing, consumer grievances etc. An amount of Rs. 1665.27 Cr is being spent on part-B of the programme for strengthening of distribution network, renovation and modernization of distribution sector.
- GoI has recently launched two new schemes for the distribution system. Integrated Power Development Scheme (IPDS) for urban area and Deendayal Upadhaya Grameen Jyoti Yojna (DDUGJY) for rural area. Need Assessment

Document (NAD) for these schemes is under preparation in the department and shall be submitted to PFC and REC shortly for funding.

6. The response filed by the Utility is not satisfactory and does not cover the action taken and progress achieved on compliance of all the directions issued by the Commission. The Commission observes and directs as follows:-

- The Utility in its reply has intimated about constitution of Technical Committee headed by the Principal Secretary (Power) but has not indicated the progress achieved by the committee on the issues for which purpose it has been constituted. The Commission directs the JKPDD to submit a report on the proposals examined by the committee in last seven months after its constitution on 31.07.2014.
- The latest progress on the setting up of the Task Force, as per the decision of the BoD of JKSPDC has not been submitted. The Commission directs the PDD to submit the same.
- Status of construction of 220/132 kV. Aulesteng grid station, which is a crucial link for connectivity of Ladakh Region to the Northern grid through 220 kV Srinagar-Leh Transmission line taken up for construction by PGCIL, has not been furnished. The same needs to be submitted.
- Progress achieved in establishing connectivity of 220 kV system of PDD with newly commissioned 400/200kV PGCIL Sub Stations at Samba (Jammu) and New-Wanpooh (Kashmir) has not been submitted by PDD. The Utility is directed to submit the same.
- In the Distribution segment the JKPDD envisages to spend 1817.26 Cr on schemes under R-APDRP, whereas the progress achieved so far has not been submitted. The Commission directs the PDD to place on record its achievements so far under R-APDRP which was launched way back in 2008.
- The status regarding providing of system for evacuation of power over intra-state transmission network from generation projects being developed by JKSPDC, JAKEDA, LREDA & KREDA (Science & Technology) too has not been reflected in the reply filed by the JKPDD.

The same needs to be submitted both by the developers and PD (state transmission Utility) separately.

- Likewise the PGCIL (CTU) and the Generation Utilities viz. JKSPDC, CVPPP and NHPC shall submit the latest status on the progress of providing/obtaining long term access to the transmission system of CTU for evacuation of power from large power projects being developed in the State.
7. Taking a note of the unsatisfactory compliance to direction issued in the order dated 10.03.2014, the Commission again directs JKPDD to submit point wise response to the directions of the Commission before the next date of hearing. At the same time JKSPDC, NHPC, CVPPP, JAKEDA, LREDA & KREDA (Science & Technology) are also directed to file the status report regarding the progress made by them in pursuance to the directions issued by this Commission on 10.03.2014, 10.07.2014 and today, before the next date of hearing.

The matter shall be listed before the Commission on 22.04.2015 at Jammu.

Announced  
March, 13, 2015

*Sd/-*  
(Basharat Ahmad Dhar)  
**Chairperson**

**No.: JKSERC/Secy/37/2013/1961-75**

**Dated: 24 .03.2015**

**Copy to the:-**

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2. Commissioner Secretary, Science & technology Department, J&K Govt. Jammu.
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**(Abdul Hamid) KAS**  
**Secretary,**  
**J&K State Electricity Regulatory Commission,**  
**Jammu.**

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