

## SECTION 7: COMPLIANCE OF DIRECTIVE

S. No.	Summary of Directive	JSEB's response	Commission's view
7.1	<p><b>Sales estimates and projections</b></p> <p>The Commission directed the Board to undertake a detailed study for load research and demand forecast for estimating short term and long term peak energy requirements.</p> <p>In addition, the Board was also directed to estimate circle wise consumption by different categories including unmetered category and furnish circle-wise number of hours of supply to various categories of consumers.</p>	<p>The Board submitted that it shall appoint a consultant for conducting a detailed study for load research and demand forecast after restructuring.</p> <p>It submitted that the category wise actual energy consumption for previous years and information on circle level category of consumption, feeder wise no. of hours of supply, no. of hours of supply to HT &amp; 33KV consumers have been provided in the petition. The Board also stated that it does not have the system to segregate no. of hours of supply to various categories of consumers.</p>	<p>The Commission is of the view that the Board has made no progress on these directions. It may be noted that the directed studies have no relationship with restructuring. They are necessary for proper planning and management of the Board.</p> <p>Further, the Commission has scrutinized the information submitted and found that the circle wise consumption categories, feeder wise no. of hours of supply, no. of hours of supply to HT &amp; 33 KV consumers has been provided only for the Ranchi. However, this has to be for all the circles and for at least three previous years.</p>
7.2	<p><b>Metering and Kutir Jyoti scheme</b></p> <p>The Commission directed the Board to submit an action plan for complete metering and not to issue any new connection without a meter from the date of issue of tariff order for FY 2003-04.</p> <p>With regards to Kutir Jyoti (KJ) the Board was directed to undertake strict measures to check the consumption level in KJ and to bring all consumers</p>	<p>The Board submitted that it has been undertaking metering of all categories of its consumers except rural domestic and agriculture consumers. The Board requested the Commission to provide an extension of two years for correct metering of rural domestic and agriculture domestic consumers.</p> <p>Further, the Board submitted that instructions have been issued to the field officers for quarterly checking of connected load of the consumers under Kutir Jyoti category.</p>	<p>The Commission is of the view that the Board should have provided an action plan for complete metering within the stipulated time frame. However, the Board has failed to do so. The current request of the Board holds no merit as already three years have passed. A significant progress could have been achieved in such a long time. Further the Commission feels that Boards</p>

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	withdrawing more power than the permissible level to the next domestic category.		<p>inaction regarding consumer metering has caused T&amp;D loss levels to rise further.</p> <p>Further, the Commission has observed that the Board has provided no details regarding the results and findings of the strict measures for controlling the sales under the KJ category. This proves that the Board has no monitoring process as such.</p>
	<p><b>T&amp;D loss estimate and unmetered consumption</b></p> <p>The Commission directed the Board to formulate a task force for supervising the T&amp;D loss in the state, which shall report to the Commission, quarterly about the efforts that have been undertaken to reduce the loss levels.</p> <p>In addition, the Board was directed to undertake a proper energy audit of its system and provide a voltage-wise break-up of technical and commercial losses and a circle wise break up of its T&amp;D losses in the next petition.</p> <p>The Commission further directed the Board to undertake a study to estimate category wise unmetered consumption and provide the results in the next petition.</p>	<p>The Board submitted that it would like to set up a special committee at various locations in its area of operations for T&amp;D loss reduction. Anti power theft cell has also been formed under superintending engineer / executive engineer.</p> <p>The Board submitted that the process of energy accounting is an ongoing process. For this it has undertaken a review of the key areas of focus, as identified by CEA in its paper on Distribution Reforms up to 2012.</p> <p>The Board has submitted that it is in the process of appointing consultants for undertaking a study to measure unmetered consumption in certain divisions of Jharkhand.</p>	<p>The Commission is of the view that no step has been taken for implementation of this direction. No task force for supervising the T&amp;D loss in the State has been formed.</p> <p>The Commission has observed that till date no major energy accounting work has been undertaken by the Board which is confirmed from the 'Statement of Policies', note no. 11-Energy Accounting, of the Annual Statement of Accounts for FY 2005-06. Even after three years the progress is limited to the tendering process. Till date no work on consumer indexing/spot billing or computerization has been undertaken.</p> <p>No progress has been made</p>

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			till date to study the unmetered consumption in Jharkhand. Such inaction has led to increase in AT&C loss.
	<p><b>Performance of PTPS substation</b></p> <p>The Commission directed the Board to undertake necessary steps to reduce SHR and increase the PLF to its optimal level and to separately account the consumption in the nearby areas of PTPS and estimate auxiliary consumption net of this level.</p> <p>The Commission also directed the Board to step up its supervision to reduce the coal transit losses.</p> <p>The Board was further directed to submit an action plan with in three months for proper fuel management system to improve the efficiency of plant.</p>	<p>The Board submitted that it has signed an agreement with NTPC on 30th August 2005 under partners into Excellence Program of Ministry of Power, GOI. Under this programme, NTPC has deputed its seven engineers for two years to improve the performance of PTPS. The Board has requested to the Commission to provide time till March 2007 to install meters and measure the net auxiliary consumption of PTPS.</p> <p>The Board submitted that the scope available to it to reduce coal transit losses is limited. The reason for high coal transit losses lie with other entities party in the transaction, viz, Coal India and Indian Railways.</p> <p>The Board submitted that it intends to appoint consultants for developing the Fuel Management System.</p>	<p>The Commission has observed that no step have been taken to carry out the directions of the Commission. This is evident from the fact that PLF and other operating parameters of PTPS have deteriorated further making it the most costly power for Jharkhand.</p> <p>For pit head generating plants transit loss should be 0.3 % as per the JSERC norms. However the Board has proposed a transit loss of 4% for PTPS. The Commission is of the view that the Board instead of identifying the causes for transit losses has been passing on its responsibilities to other entities.</p> <p>The Board request for time till March 2007 to install meters for measurement of auxiliary consumption proves a slow progress on tracking down and removing its inefficiencies. March 2007 has already elapsed the Board may provide details of progress made.</p>

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	<p><b>Evacuating 100% power from TVNL station</b></p> <p>The Commission directed the Board to undertake necessary capital and R&amp;M expenditure to augment its transmission capacity for evacuating 100% power from TVNL station, and an action plan in this regard was to be submitted to the Commission within one month from the date of issue order for FY 2003-04.</p>	<p>The Board submitted that the 400 kV TTPS-PTPS line is currently under restoration and it is planning to construct the following lines: -</p> <ul style="list-style-type: none"> <li>▪ 400 KV double circuit TTPS Ranchi line</li> <li>▪ 220KV TTPS Haldia (Ranchi) double ckt transmission line</li> <li>▪ 220kv double ckt TTPS Govindpur transmission line</li> </ul>	<p>The Commission would like to highlight that progress of the Board has been slow on this front. Such a slow progress could further jeopardize the already fragile power situation in the State.</p>
	<p><b>Quality of supply and service</b></p> <p>The Commission directed the Board to submit a proposal on a set of Standards of Performance along with penalties for non-adherence to these. The petition was also to include the condition for minimum hours of supply that the Board has to supply.</p>	<p>The Board submitted that Standards of Performance has already been notified by the Commission.</p>	<p>The Commission is of the view that quality of power supply in the State has further deteriorated. The Board has failed in assuring a quality and reliable power supply to the consumers. Not only the consumers in rural area are the victims, same conditions prevail in all urban circles such as Ranchi.</p>
	<p><b>Non-Conventional Energy</b></p> <p>The Commission directed the Board to submit in three months their plan of action and strategy for rural electrification through promotion of non-conventional form of electricity. It was also directed to coordinate with JREDA (Jharkhand Renewable Energy Development Agency) in this regard for successful implementation of various initiatives.</p>	<p>The Board submitted that it has written a letter to JREDA requesting to prepare a plan of action and strategy for rural electrification through promotion of Non-conventional sources of energy and has also sent a list of villages/tolas which are remote for grid connectivity.</p>	<p>The Commission is of the view that the Board's progress in this regard has been slack. The Board has planned no detailed strategy/approach for the promotion of non-conventional form of electricity. Apart from writing a letter to JREDA the Board has not mentioned any form of engagement with JREDA for the promotion of the non conventional form of electricity.</p>

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	<p><b>Next Tariff petition and auditing of accounts</b></p> <p>The Commission directed the Board to come up with a new petition for FY 2004-05 removing the various data deficiencies highlighted throughout the tariff order.</p> <p>The Board was also directed to get its books of accounts for FY 2001-02 and FY 2002-03 audited and submit the same to the Commission by March 2004.</p>	<p>The Board submitted that it has finalized the annual accounts for FY 2001-02 and has submitted them to the CAG for final audit. It also submitted that annual accounts for FY 2002-03 and FY 2003-04 have been approved by the Board. They will be submitted to the Commission after getting them audited.</p>	<p>The Commission is of the view that the Board has not complied with the directive. It has filed the next tariff petition after the gap of three years from the previous tariff order. Further, the annual accounts accompanying the petition were unaudited. The Board has also confirmed that they do not have an Asset Register. Hence, they cannot form a true and prudent base as far as the process of determination of the ARR and fixation of tariff is concerned.</p>