

**PUNJAB STATE ELECTRICITY REGULATORY COMMISSION  
SCO 220-221 SECTOR-34-A CHANDIGARH**

**Petition No. 26 of 2013**

**Date of hearing: 18.06.2013**

**Date of Order: 20.06.2013**

In the matter of : Regulation 22 of the Punjab State Electricity Regulatory Commission (Terms and Conditions for Determination of Tariff) Regulations, 2005 as amended by Punjab State Electricity Regulatory Commission (Terms and Conditions for Determination of Tariff), second amendment Regulations, 2012 notified vide Notification dated 17<sup>th</sup> September, 2012

AND

In the matter of: Approval of Capital Expenditure exceeding Rs.20 Crore for the Transmission Schemes to be executed by PSTCL for system improvement and power disposal

AND

In the matter of: Punjab State Transmission Corporation Limited, The Mall, Patiala-147001.

Present: Smt.Romila Dubey, Chairperson  
Shri Virinder Singh, Member  
Shri Gurinder Jit Singh, Member

For petitioner: Shri V.K.Garg, C.E./HR Planning & IT  
Shri I.S.Anand, Consultant o/o CE/TS PSTCL  
Shri Dilbagh Singh, SE/Planning,  
Shri Ravi Luthra, Addl.SE/Commercial

For PSPCL: Shri Sanjeev Gupta, S.E./TR-2

**ORDER**

The Commission had directed the petitioner vide Order dated 17.05.2013 that the proposal for approval be considered by Transmission Planning Committee of PSTCL and PSPCL and minutes of meeting of the committee be filed by

11.06.2013. The Commission had further observed the deficiencies in the proposal and directed PSTCL to explain / rectify the same. PSTCL has filed reply to the observation of the Commission alongwith minutes of the second Transmission Planning Committee meeting held on 27.05.2013. PSPCL was made respondent vide Order dated 17.05.2013 in this petition and was directed to file reply to the petition by 11.06.2013. PSPCL has filed reply vide C.E./ARR & TR memo No.5785 dated 17.06.2013.

The Commission examined the justification submitted by PSTCL in its aforesaid reply to the observations of the Commission for including the following 220 kV lines in the scope of work:-

- (a) 220 kV Talwandi Bhai - Dharmkot 25 Km/Twin Zebra (2x0.4 sq") SC on DC line
- (b) 220 kV Mastewal- Talwandi Bhai 30 Km/Twin Zebra (2x0.4sq") SC on DC line

PSTCL has submitted that although a single line i.e 220KV Dharamkot-Makhu DC line with 0.4 sq" conductor size was sufficient for catering the load of proposed 220KV S/Stn Dharamkot alone, but keeping in view the reliability of power, the additional links indicated at (a) and (b) above have been proposed to form a closed mesh and that in case of fault at 400KV S/Stn. Moga (PGCIL), power to 220KV S/Stn. at Botianwala/ Talwandi Bhai and proposed 220 KV S/Stn. Dharamkot can also be supplied from 400 KV Makhu grid. PSTCL has further submitted that voltage profile on these buses will also improve with these additional links.

The Commission examined the load flow studies submitted by the PSTCL alongwith replies of PSTCL/PSPCL and found that the justification given by the PSTCL for adding the lines mentioned at (a) and (b) above was not convincing as per the present loading conditions and it was not prudent to incur expenditure on these lines at this stage. These lines may be planned later on depending upon system conditions.

In view of the above, the Commission approves the scheme limiting only to the upgradation of existing 132 KV S/Stn. Dharamkot to 220 KV S/Stn with 1x160MVA, 220/66KV transformer and the connectivity of 400 kV S/S Makhu with

proposed 220 kV S/Stn Dharamkot through DC line with 0.4 sq” ACSR conductor size, line length 15 Km (appx). PSTCL will, however, ensure proper implementation of the scheme by following the laid down procedure for procurement of material/ award of work and all the statutory/ legal clearances shall be obtained before start of work. PSPCL should also ensure timely completion of the works required for the proposed 66kV S/Stn Kot Mohammad Khan, 66kV S/Stn Chuga Kalan and 66 kV S/Stn Fatehgarh Katokala for optimum utilization of the up-graded capacity of the proposed 220 kV Dharamkot substation.

This petition is disposed of accordingly.

Sd/-  
**(Gurinder Jit Singh)**  
**Member**

Sd/-  
**(Virinder Singh)**  
**Member**

Sd/-  
**(Romila Dubey)**  
**Chairperson**

**Chandigarh**  
**Dated: 20.06.2013**