

**PUNJAB STATE ELECTRICITY REGULATORY COMMISSION
SCO NO. 220-221, SECTOR 34-A, CHANDIGARH**

**Petition No. 41 of 2017
Date of Order: 11.07.2017**

Present: Shri D.S. Bains, Chairman
Shri S. S. Sarna, Member

In the matter of: Petition under 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 for approval of Sub Transmission scheme regarding DPR-2; 66 kV SC on DC O/H Transmission lines & Bays.

AND

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

....Petitioner

ORDER

The present petition has been filed by the Punjab State Power Corporation Limited, (PSPCL) under regulation 22 of the Punjab State Electricity Regulatory Commission (Terms and Conditions for Determination of Tariff) Regulations, 2005 as amended from time to time. The petition was listed for admission on 15.06.2017. The Commission vide its order dated 15.06.2017 ordered as under:

“After hearing the petitioner, the petition is admitted. Final order is reserved. However, in case any information is required, the same shall be provided by PSPCL to the Commission.”

2. The submissions made by PSPCL in the petition are summarized as under:-

- i) PSPCL is a deemed Distribution Licensee under Section 14 of the Electricity Act, 2003 (hereinafter referred to as the Act).
- ii) Punjab State Electricity Regulatory Commission (hereinafter referred to as the Commission) vide notification dated 17th September, 2012 have amended the Punjab State Electricity Regulatory Commission (Terms and Conditions for Determination of Tariff), Regulations, 2005. As per Regulation 22(6)(iii) of the amended regulations, the Distribution Licensee shall obtain prior approval of the Commission to each scheme where capital expenditure is estimated to exceed Rs. 10 crore.
- iii) Under provisions of Section 42 of the Act, PSPCL as a Distribution Licensee, is duty bound to make investment to develop and maintain an efficient, co-ordinated and economical distribution system in its area of supply and to supply electricity in accordance with the provisions contained in this act.
- iv) PSPCL is vested with the 66KV Sub-transmission system of the state of Punjab. The construction of new 66KV Sub-Stations, enhancement of transformer capacity by way of providing of additional Power Transformers and augmentation of the existing transformers is in its scope. Similarly the construction of new 66KV transmission lines and Up-gradation of the existing lines is also under taken for efficient evacuation of power supply from 220 KV or 132 KV sub-stations of the PSTCL or the Solar Power generating Plants or others, as well as for providing power supply at 66

KV voltage level to the industrial applicants or others. The system loading studies are carried out by the Planning organization of PSPCL with inputs from the P&M, DS and TS organizations and a comprehensive list of the Transmission works is approved for implementation. Generally this is an annual basis list. TS Organization of the PSPCL executes such planned works.

- v) The Transmission works of the PSPCL to be carried out by the TS Organization are planned to be covered under REC Schemes.
- vi) The DPRs of the planned transmission works are prepared and got approved from the REC.

vii) **Brief history of the Transmission works (DPR-2)**

33KV S/S Dunera is the farther most sub-station of the State of Punjab touching the Inter State boundary of Himachal Pradesh. Its feeding 33KV line is 35 KM long single rail pole line emanating from Chhatwal (Pathankot). In between, 66KV S/S Dhar is running which is 0.5 KM from this 33KV line. In the Northern side of State of Punjab, there are only 4 nos. sub-stations of 33 KV voltage level in the system. Out of these, 2 sub-stations i.e. Mirthal & Nangal Bhoor are going to be upgraded through alternative 66KV transmission lines. For up-gradation of 33KV Chhatwal & Dunera, this 35 KM long 33KV line shall be upgraded by providing additional towers wherever required and by upgrading the existing 33KV disc insulators to 66KV preferably polymer insulators. 66KV S/S Ranipur is presently feeding the 66KV system around Pathankot, Manwal & Dhar Sub-stations etc. Now

Dunera & Chhatwal Sub-stations shall also be shifted to Ranipur Sub-station. Therefore, the feeding line of Ranipur S/S from Sarna Sub-station is required to be strengthened by providing 2nd circuit. From 220KV S/S Sarna upto Dinanagar, the 66KV transmission line already stands upgraded. Now its T-off line to Gharota S/S has been planned from which Mirthal & Nangal Bhoor sub-stations shall also be fed. The implementation of these planned lines shall strengthen the power supply system in the Northern Eastern corner of the State in a big way.

- viii) The objective of the project is to give relief to 66 kV over loaded lines and uninterrupted supply. Outcome sought to be achieved with this scheme is to upgrade/strengthen the sub- transmission system and to give proper power supply in the sub-mountainous/ far flung areas of Punjab.
- ix) The total estimated cost of the project works out to be Rs.1114.20 lacs.
- x) The Cost calculation of direct financial benefit is not necessary. But for the sake of consideration, the calculation of cost benefit analysis has been done and total annual savings on completion of project has been worked out to be Rs. 1,64,75,123.
- xi) The proposed work is scheduled to be completed in 2017-18. For the construction of transmission lines, the entire material shall be supplied by PSPCL from its own stores. However, the labour component shall be outsourced by inviting E-tenders from approved vendors to carry out the transmission line works. The entire Grid construction works

are being carried out by PSPCL as in-house projects including the material & labour component. The supply and laying work of 66KV Power cable is to be got carried out on turnkey basis through open tendering procedure.

3. Findings and Decision:

Commission observes that PSPCL has filed the petition under PSERC (Terms and Conditions for Determination of Tariff), Regulations, 2005, which are no more applicable with coming in effect of the MYT Regulations w.e.f. 01.04.2017. It is also noted by the Commission that the petition has been filed as per the observations of Commission in its order dated 31.03.2017 in Petition No. 69 of 2016 and the scheme is a spill-over from FY 2016-17 to FY 2017-18, which is not included in the list of schemes submitted under the Capital Investment Plan for MYT Control Period from FY 2017-18 to FY 2019-20. Keeping the above in view, the Commission however approves the scheme with observation that the funds for the scheme shall be borne out of the Capital Investment Plan of PSPCL for the year 2017-18 and no excess over the amount shall be allowed. Further, PSPCL shall ensure the proper implementation of the scheme by following the procedure laid down for procurement of material/award of work and that all the statutory/legal clearances shall be obtained.

The Petition is disposed of accordingly.

**Sd/-
S .S. Sarna
(Member)**

**Sd/-
D.S. Bains
(Chairman)**

**Chandigarh
Dated: 11.07.2017**