

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

**Petition No. 40 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 Transmission Scheme regarding DPR-1-66 kV overhead SC line & underground cables.

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-1)**

This Scheme is for transmission works at City Amritsar. The proposed works are as under:

- a) From 132KV S/S G.T. Road Mall Mandi single circuit is feeding 66KV S/S Golden Temple. To enhance the power reliability, 2nd circuit has been planned from GT Road Mall Mandi Amritsar to Golden Temple Substation Amritsar, with overhead line & underground power cable.
- b) Inter-linking 66 KV power cable from 66 kV S/S Hall Gate to 66 kV S/S Golden Temple. 66 KV S/S Hall Gate is getting supply from 132 kV (now upgraded to 220 kV) S/S Naraingarh. 66 kV S/S Golden Temple is getting supply from 132 kV S/S GT Road Mall Mandi.

Both of these sub-stations are presently running as radial sub-stations. However, for providing better inter-connectivity between these two mother sub-stations, this 66KV power cable has been planned.

- c) 66 kV S/S Kacheri Chowk is also very important which is running at single supply source from 66KV S/S Ranjit Avenue. Inter-linking power cable between Goyal Mandi S/S and Kacheri Chowk S/S shall be provided for assuring un-interrupted power supply.

All the above provisions are very important & critical for strengthening the power supply system in the City of Amritsar and for ensuring enhanced power supply reliability.

- viii) The total estimated cost of the project works out to be Rs.2061.93 lacs
- ix) 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 up-gradation of sub transmission system of city Amritsar specifically the walled city by interlinking of 66 kV sub-stations in the critical supply areas so as to improve the reliability of the transmission system and ensure uninterrupted power supply in the city of Amritsar
- x) The calculation of cost benefit analysis has been done and total annual savings on completion of project has been worked out to be Rs. 1,84,18,840. Apart from above revenue increase/savings, it is worthwhile to mention that all these interlinked substations are located in highly dense and

critical area in the city of Amritsar. The Golden Temple and Hall Gate marketplace is witness to lakhs of visitors every month and as such strengthening of power supply to these crucial areas is invaluable in terms of proliferation of tourism and business for the state of Punjab. Additionally ring main systems in populated city areas are mandatory as per CEA guiding rule of n+1 availability of supply at each grid substation.

- 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:

- 4. 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. 68 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.

5. The Petition is disposed of accordingly.

Sd/-
S .S. Sarna
(Member)

Sd/-
D.S. Bains
(Chairman)

Chandigarh
Dated: 11.07.2017