



छत्तीसगढ़ स्टेट पावर ट्रांसमिशन कंपनी लिमिटेड
CHHATTISGARH STATE POWER TRANSMISSION CO. LTD.
(A Govt. of Chhattisgarh Undertaking) (A Successor Company of CSEB)
(CIN No. U40108CT2003SGC015820)

OFFICE OF THE MANAGING DIRECTOR

No.MD/TRANS/Land/ 64,

Raipur, dt. 11 MAY 2020

To

The Chief Engineer (O&M),
CSPDCL,
Raipur.

Sub: Acquisition of suitable land for construction of 400kV, 220kV and 132kV sub-station as approved by CSERC in additional CIP for the period of FY-2021-24.
Ref: CSERC's letter No.537, dt.01.05.2020.

Hon'ble CSERC Raipur vide their letter under reference has conveyed approval of 2 Nos. 400/220/132kV, 8 Nos. 220/132kV and 7 Nos. 132/33 kV sub-stations in 'additional CIP' of CSPTCL, apart from the approved works of CIP for period FY 2016-21. During review of the approved works on 8.5.2020, it is noted that land for following sub-stations has yet not been finalised:-

SN	Location	Capacity of S/Stn.
1.	Ambikapur (Ambikapur Region)	400/220/132kV
2.	Kanker (Jagdalpur Region)	220/132kV
3.	Dharamjaygarh (Raigarh Region)	220/132/33kV
4.	Patan (Durg Region)	220/132kV
5.	Bana/Guma/Kara (Raipur City Region)	220/132/33kV
6.	Betar (Durg Region)	132/33kV
7.	Keshkal (Jagdalpur Region)	132/33kV

Due to non-finalisation of land at these locations, no action like preparation of TFR, preparation of estimate, approval for sanction of estimate from BoD, floating of tender and placement of award could be started.

Therefore, please arrange to explore suitable land for these newly approved sub-stations, so that the same could be finalised with transmission team at the earliest.

An early action in the matter is requested.

(Ashok Kumar)

Managing Director
CSPTCL: Raipur

No.MD/TRANS/Land/65,

Raipur, dt. 1 MAY 2020

Copy to:

1. The Executive Director (C&LM)/(Civil), CSP TCL, Raipur.
2. The Chief Engineer (P&P), CSP TCL, Raipur.
3. The Executive Director/Chief Engineer (JR)/(DR)/(AR)/(Rgh.R)/(RCR), CSPDCL, Jagdalpur/Durg/Ambikapur/Raigarh/Raipur.
Please arrange to find out suitable land of following size (approx.) for various capacity of ss's:-
400kV S/s - 500m x 500m
220kV S/s - 250m x 250m
132kV S/s - 150m x 150m
4. The Superintending Engineer (Circle/City), CSPDCL, Jagdalpur/Durg/Ambikapur/Raigarh/Raipur.

(Ashok Kumar)
Managing Director
CSP TCL, Raipur



Chhattisgarh State Electricity Regulatory Commission
Vidhyut Niyamak Bhawan
Irrigation Colony, Shanti Nagar, Raipur - 492 001 (C.G.)
Ph.0771-4048788, Fax: 4073553
www.cserc.gov.in, e-mail: cserc.sec.cg@nic.in



No. P.No.66/2019(M)/2020/ 537

Raipur Date:01/05/2020

To, .

The Chief Engineer (C & RA),

Chhattisgarh State Power Transmission Co. Ltd.,

Vidyut Sewa Bhavan, Dangania,

Raipur (CG)

Sub: The Copy of order on petition no. 66 of 2019(M).

The Chhattisgarh State Electricity Regulatory Commission has passed an order on petition no. 66 of 2019(M) dated 30/04/2020 in the matter of approval of Additional Capital Investment Plan for the control period from FY 2016-17 to FY 2020-21.

The copy of order is enclosed herewith for information please.

Encl: As above.

(Surendra Singh)
Jt. Director (Tariff)

Certified copy

Signature
Executive Engineer (Civil)
Civil Dn CSPTCL Kanker



Regulations, 2015, are reproduced below:

As per provision of the Regulation 7.5 and 7.6 of MYT Regulations, 2015, CSPTCL may file petition for deviation/change in approved Capital Investment Plan or for approval of additional works in capital investment plan. Clause 7.5 and 7.6 of MYT

As per provision of the above regulations, CSPTCL had filed a petition bearing no 101 of 2015 (M) before the Commission for approval of Capital Investment Plan (CIP) for the control period FY 2016-17 to 2020-21. Commission vide order dated 26.03.2016 had approved the CIP in respect of the aforesaid petition.

The petitioner Chhattisgarh State Power Transmission Co. Ltd. (CSPTCL) is a body incorporated under the provisions of the Companies Act, 1956 and having its registered office at Vidyut Sewa Bhawan, Dangania, Raipur. CSPTCL is one of the successor companies of erstwhile Chhattisgarh State Electricity Board (CSRB) and also State transmission utility of Chhattisgarh State. CSPTCL has filed this petition for approval of revision of capital investment plan for the control period from FY 2016-17 to FY 2020-21 under Section 62 and 86 of the Electricity Act, 2003 read with the Chhattisgarh State Electricity Regulatory Commission (Terms and Conditions for determination of tariff according to Multi-Year Tariff principles and Methodology and Procedure for determination of Expected revenue from Tariff and Charges) Regulations, 2015 (hereinafter referred as "MYT Regulation, 2015") and relevant orders and direction of the Commission.

ORDER
(Passed on 30/04/2020)

PRESENT
: D S Misra, Chairman
: Arun Kumar Sharma, Member
: Vinod Deshmukh, Judicial Member

Petitioner

Chhattisgarh State Power Transmission
Co. Ltd. (CSPTCL)

Approval of Additional Capital Investment Plan for the control period from FY 2016-17 to FY 2020-21.

In the Matter of:

Petition No. 66 of 2019(M)



Chhattisgarh State Electricity Regulatory Commission
Irrigation Colony, Shanti Nagar, Raipur - 492 001 (C.G.)
Ph. 0771-4073568, Fax: 4073553
www.cserc.gov.in, e-mail: cserc.sec.cg@nic.in



Executive Engineer (Civil)
Civil Dn CSPTCL Kanke

07.04.2020

S. No.	Particulars	Scheme Provision in Rs Crs.	Expenditure proposed in Rs Crs during FY			
			FY 21	FY 22	FY 23	FY 24
1	Up gradation of existing 132 KV S/S Rajim to 220KV S/s	35	10	20	05	0
2	220 KV DCDS Rajim-Kurud Line	44.40	14.40	26	04	0
	Total	79.40	24.4	46	09	0

Petitioner's Submission

12.4 Construction of 220KV Substation Kanker & its associated transmission lines

CSPTCL has submitted proposal for construction of 220KV Substation Kanker & its associated transmission lines. In order to retain reliability & stability of supply to 132 KV EHV existing & upcoming substations in Bastar area and also to meet out any contingency, construction of proposed 220/132KV substation Kanker is essential. This will improve the voltage profile, reduce T&D losses & strengthen the network of LWE affected Bastar area which is having a large geographical area. Detail of the scheme is given table below:

S. No.	Particulars	Scheme Provision in Rs Crs.	Expenditure proposed in Rs Crs during FY			
			FY 21	FY 22	FY 23	FY 24
1	220/132 kV S/s Kanker	50	16	27	07	0
2	LILO of 220 kV Gurur-Barsoor line	22.20	3.20	15	04	0
3	LILO of 132 kV existing Kanker - Bhanupratappur line	10.65	2.65	06	02	0
	Total	82.85	21.85	48	13	0

12.5 Construction of 220 kV Substation Ahiwara & its associated transmission lines

CSPTCL has proposed construction of 220 kV Substation Ahiwara & its associated transmission lines. At present, the load of Ahiwara and nearby areas is fed from 220 kV Bhilai-Bemetara line. CSPDCL has proposed this substation to improve the reliability/stability/voltage profile along with catering future load growth of Ahiwara and nearby areas. For this purpose, it is necessary to construct 220/132/33 kV substation at Ahiwara. It is proposed to connect 220/132/33 kV substation Ahiwara from 400/220 kV substation Khedamara and 220 kV substation Bemetara by LILO of 220 kV Khedamara-Bemetara and 220 kV Khedamara-J.K. Lakshmi line of route length 43 Km and second circuiting of 220 kV line of route length 52 Km from 220/132 kV substation Bemetara to proposed 220/132 kV substation Ahiwara. LILO of 132 kV Bhilai-Berla feeder of route length 20 Km at 220/132/33 kV substation Ahiwara is proposed for proper reliability/stability/voltage profile of Ahiwara and nearby areas. This substation shall reduce the load of Power Transformers of 132KV Substation Bhilai & 132KV substation, Bemetara. Details are given below:

Certified copy

Ahluw
Executive Engineer (Civil)
Civil Dn CSPTCL Kanker





Executive Engineer (Civil)
Civil Dn CSPTCL Kankes

Corrected copy

S. No.	Particulars	Scheme Provision in Rs Crs.	Expenditure proposed in Rs Crs during FY
1	132/33 KV S/S Temri Tehsil Nawagarh, Dist. Bemetara	21	FY 21 6 FY 22 15 FY 23 0 FY 24 0

13.6 Construction of 132 KV Substation, Temari, District Bemetara.

CSPTCL has proposed construction of 132 KV Substation, Temari, District Bemetara. CSPTCL has proposed construction of 132/33KV substation Temri Tehsil Nawagarh, Dist. Bemetara to improve the reliability/ stability / Voltage profile of supply & to meet out increasing future load requirement of Temri & nearby areas of Nawagarh Tehsil. As such entire Temri & nearby areas of Nawagarh Tehsil are facing acute low voltage problem. To meet out any contingency, to maintain system security level of "N-1" "Single contingency for steady state operation", & to meet out increasing load requirement construction of proposed 132/33 KV substation 132/33KV substation Temri Tehsil Nawagarh, Dist. Bemetara is essential by construction of LLO of Simga-Chakarbhata line to 132 KV substation.

S. No.	Particulars	Scheme Provision in Rs Crs.	Expenditure proposed in Rs Crs during FY
1	132/33 KV S/S Keshkal	21	FY 21 3 FY 22 9 FY 23 9 FY 24 0
2	LLO of 132 KV Kanker-Kondagaon	27.05	5 12 10.05 0
	Total	48.05	8 21 19.05 0

13.5 Construction of 132 KV substation Keshkal, District Kanker.

CSPTCL has proposed construction of 132 KV substation Keshkal, District Kanker. CSPTCL has proposed construction of 132KV substation Keshkal to improve the reliability/ stability / Voltage profile of supply & to meet out increasing future load requirement of Keshkal, Bastar & nearby areas. As such entire Keshkal & nearby areas are facing acute low voltage problem. To meet out any contingency, construction of proposed 132/33 KV substation Keshkal is essential. This will improve the voltage profile, reduce T&D losses and strengthen the network of Keshkal & nearby areas.

S. No.	Particulars	Scheme Provision in Rs Crs.	Expenditure proposed in Rs Crs during FY
1	132/33 KV S/S Betar	21	FY 21 3 FY 22 9 FY 23 9 FY 24 0
2	132 KV DCDS Line from 220KV Substation Kawadha + 2 No. 132KV Feeder Bay at 220KV Substation Kawadha	27.05	5 12 10.05 0
	Total	48.05	8 21 19.05 0