छत्तीसगढ़ राज्य
विद्युत नियामक आयोग

Index

BEFORE HON'BLE CHHATTISGARH STATE ELECTRICITY REGULATORY COMMISSION, RAIPUR

PETITION NO. ...../.....

Chhattisgarh State Power Distribution Company Limited : **Petitioner**

Through Executive Director (RA&PM)
4th Floor, Sewa Bhawan, Dangania,
Raipur, Chhattisgarh – 492013

IN THE MATTER OF :

Filing of the Petition for the approval of additional Capital Investment Plan for FY 2022-23 under Section 62 and 64 of the Electricity Act, 2003.

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Executive Director (RA&PM)
CSPDCL Raipur

Petition with annexure

[C.S.P.D.C.L]

Additional Capital Investment Plan for MYT Control Period FY 2022-23

Submitted to:

Chhattisgarh State Electricity Regulatory Commission, Raipur

December, 2022

Chhattisgarh State Power Distribution Company Limited, Raipur
(A government of Chhattisgarh Undertaking)
Regd. Off.: 4th floor, Vidyut Sewa Bhavan, Dangania, Raipur-492013
Tel.: 0771-2574441
Email: cecomcseb@rediffmail.com

No. 02-02/RA&PM/RAC/01/2284 Raipur, Dated: 30/12/2022

To,

The Secretary,
Chhattisgarh State Electricity Regulatory Commission,
Irrigation Colony, Shanti Nagar,
Raipur, Chhattisgarh - 492 001

Sub: Submission of Petition for approval of Additional Capital Investment Plan for FY 2022-23

Dear Sir,

In exercise of its powers conferred under section 61 of the Electricity Act, 2003, the Hon'ble Commission has notified the CSERC (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, 2021 (hereinafter referred as "CSERC MYT Regulations, 2021") vide dated 18.11.2021.

Accordingly, and with the provisions mentioned in the above Regulations, CSPDCL is herewith submitting Petition for approval of additional Capital Investment Plan for the FY for consideration of the Hon'ble Commission. We enclose herewith the following documents for your perusal and approval of the Hon'ble Commission:

1. Formal Petition, Formats and Affidavit verifying the petition along with authorization.
2. Petition for approval of Additional Capital Investment Plan for the FY 2022-23 in six copies.
3. Petition Fee of Rs. 20,000 /- (Rupees Twenty Thousand only) through NEFT (Transaction No. S8852136, Dated 26-12-2022) in accordance with Item no. 17 of Schedule 1 of CSERC (Fees and Charges) Regulation, 2009.

We request the Hon'ble Commission to kindly admit the aforesaid Petition and proceed further in the matter at the earliest. We would also request the Hon'ble Commission to kindly provide us an opportunity of personal hearing to further clarify/explain/ add/amend our submissions in respect of this Petition.

Thanking You,
Yours Faithfully,

Executive Director (RA&PM)
CSPDCL : Raipur
Enclosed: As above

BEFORE THE CHHATTISGARH STATE ELECTRICITY REGULATORY COMMISSION, RAIPUR

IN THE MATTER OF	:	Filing of the Petition for the approval of additional Capital Investment Plan for FY 2022-23 under Section 62 and 64 of the Electricity Act, 2003
		AND
PETITION BY	:	Chhattisgarh State Power Distribution Company limited (hereinafter referred as "**CSPDCL**' or "**the Petitioner' or Applicant**)

The Applicant respectfully submits as under: -

1. The Petitioner is a distribution licensee in the areas as notified by the Government of Chhattisgarh (GoCG) under the CSEB Transfer Scheme Rules, 2010.

2. The Petitioner submits that the Hon'ble Commission has notified the CSERC (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, 2021 (hereinafter referred as "CSERC MYT Regulations, 2021") vide gazette notification dated 18.11.2021.; in exercise of powers conferred on it by Section 61 read with Section 181(2) of the Electricity Act 2003 (No. 36 of 2003) and to enable determination of Capital Investment as per provisions 7 of the said Regulations.

3. The Petitioner accordingly submits that in line with the provisions of the MYT Regulations, 2021 it has filed the Petition for Approval of Capital Investment Plan for the FY 23 to FY 25.

4. Hon'ble Commission vide order dated 27.04.2022 in Petition No.4 of 2022 approved the Capital investment plant for FY 23 to FY 25.

5. As per clause 7.6 of CSERC MYT Regulations 2021:

   "The licensee or the generating company, as the case may be, in case, where urgent action is required to mitigate threat to life and property take up urgent work, subject to prior intimation of the nature of urgency, brief about the proposed work and cost estimate. In such cases, ex post facto approval of the Commission may be obtained."

6. In line with the above the Petitioner is filing the instant petition for approval of additional capital investment plan.

7. PRAYER TO HON'BLE COMMISSION

The Petitioner most respectfully prays to Hon'ble Commission:

(i) To invoke the power conferred to it under relevant sections of Electricity Act, 2003 read with clause 7 of MYT Regulations, 2021 and to admit the present Petition seeking approval of additional capital investment plan for the FY 23.

(ii) To pass any other order as the Hon'ble Commission may deem fit and proper under the facts and circumstances of the present case and to meet the interest of justice.

(iii) To condone any error/omission in the petition and to rectify the same.

(iv) The present filing is being done on the basis of best available information and in case of any change, the Petitioner may be permitted to make further submissions, additions and alteration to the Petition as may be necessary during the Regulatory process.

In light of the above, Petitioner most humbly submits the present CIP petition for kind consideration.

Dated:

Petitioner

Executive Director (RA&PM)
CSPDCL : Raipur

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NOTES AND ABBREVATIONS

In this Petition

- ✓ **MYT Period is defined as control period of 3 years beginning from 01.04.2022 to 31.03.2025**
- ✓ **Ensuing Year is defined as Financial Year 2023-24**
- ✓ **Current Year is defined as Financial Year 2022-23**
- ✓ **Previous Year is separately defined as Financial Year 2021-22**
- ✓ **All currency figures used in this Petition, unless specifically stated otherwise, are in Rs. crore.**

Abbreviation	Full Description
APDRP	Accelerated Power Development and Reforms Program
ARR	Aggregate Revenue Requirement
AT&C	Aggregate Technical & Commercial
CERC	Central Electricity Regulatory Commission
BIS	Bureau of Indian Standards
BPL	Below Poverty Line
BRGF	Backward Region Fund
CGS	Central Generating Stations
CM	Cash Management
CPP	Captive Power Plant
CPSU	Central Public Sector Unit
CSEB	Chhattisgarh State Electricity Board
CSERC	Chhattisgarh State Electricity Regulatory Commission
CSPDCL	Chhattisgarh State Power Distribution Company Limited
CSPGCL	Chhattisgarh State Power Generation Company Limited
CSPHCL	Chhattisgarh State Power Holding Company Limited
CSPTCL	Chhattisgarh State Power Transmission Company Limited
CSPTrdCL	Chhattisgarh State Power Trading Company Limited
DMS	Document Management System
DE	De-electrified
DR	Data Repository
EA-2003	The Electricity Act 2003
EITC	Energy Info Tech Centre
ERP	Enterprises Resource Planning
FICO	SAP Finance and Control
FM	Fund Management
FY	Financial Year

Abbreviation	Full Description
GIS	Geographic Information System
GoCG	Government of Chhattisgarh
GoI	Government of India
Govt.	Government
HR	Human Resource
HT	High Tension
HV	High Voltage
HVDS	High Voltage Distribution System
IAP	Integrated Action Plan
IEEE	Institute of Electricals and Electronics Engineers

1. Background

1.1 Chhattisgarh State Electricity Board (CSEB) was a part of the erstwhile Madhya Pradesh State Electricity Board (MPSEB) till 2000. It became a separate entity with the formation of the State of Chhattisgarh. The board functioned as unified entity till December 2008 when the State Government notified a transfer scheme for unbundling it. The transfer scheme resulted in the formation of five successor entities for undertaking the functions of the erstwhile board. Chhattisgarh State Power Distribution Company Limited (CSPDCL) is one of the five successor entities, formed for undertaking the 'Distribution function' of CSEB. CSPDCL started its operations on 1st January 2009.

1.2 To increase private sector participation and provide more certainty to the utilities regarding tariff, most State Electricity Regulatory Commission including Chhattisgarh State Electricity Regulatory Commission (CSERC) have moved from an annual tariff framework to a multi-year tariff regime, with an aim to bring about clarity on regulatory principles, reduce regulatory risks and incentivize efficient operations from utilities. The multi-year tariff framework provides greater regulatory certainty by providing utilities a longer period to plan, forecast and implement their efficiency improvement plan..

1.3 Chhattisgarh State Electricity Regulatory Commission by exercising its powers conferred under Section 61 read with Section 181(2) of the Electricity Act, 2003 and all other powers enabling it in this behalf, notified the CSERC (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, 2021 (hereinafter referred as "CSERC MYT Regulations, 2021") vide gazette notification dated 18.11.2021.

1.4 In the regulation 7, the Commission envisages the filing of capital investment plan for the entire Control Period, with details for each year of the Control Period. In Compliance to the provisions of the CSERC MYT Regulation 2021, CSPDCL submitted a detailed business/ capital investment plan for the control period 2022-23 to 2024-25. Hon'ble Commission vide order dated 27.04.2022 in Petition No. 4 of 2022 approved the Capital Investment Plan for the control period FY 2022-23 to FY 2024-25.

2. ADDITIONAL CAPITAL INVESTMENT

2.1 In the Capital Investment Plan submitted for the Control Period 2022-23 to 2023-24 vide Petition No.4 of 2022. Hon'ble Commission vide order dated 27.04.2022 disposed of the Petition approving the Capital investment plant for the control period 2022-23 to 2024-25. The Summary of Capital investment plan claimed by CSPDCL and approved by Hon'ble Commission is tabulated below:

Table 1. Capital Investment Plan Claimed for the Control Period (FY 2022-23 to FY 2024-25) (Rs. Crore)

Sr. No	Name of the Scheme	FY 2022-23	FY 2023-24	FY 2024-25	Grand Total
A	Government Funded Schemes	5,629.02	2,380.52	2,146.66	10,156.20
B	Partly or Fully CSPDCL Funded Schemes	411.80	434.92	419.68	1,266.40
C	Fully Funded by Consumer Contribution	150.00	150.00	150.00	450.00
D	**TOTAL**	**6,190.82**	**2,965.44**	**2,716.34**	**11,872.60**

Table 2. Capital Investment Plan Approved by Hon'ble Commission for the Control Period (FY 2022-23 to FY 2024-25) (Rs. Crore)

Sr. No	Name of the Scheme	FY 2022-23	FY 2023-24	FY 2024-25	Grand Total
A	Government Funded Schemes	5,629.02	2,380.52	2,146.66	10,156.20
B	Partly or Fully CSPDCL Funded Schemes	411.80	434.92	419.68	1,266.40
C	Fully Funded by Consumer Contribution	150.00	150.00	150.00	450.00
D	**TOTAL**	**6,190.82**	**2,965.44**	**2,716.34**	**11,872.60**

2.2 CSPDCL would like to submit that the capital investment plan approved by the Hon'ble Commission under the head Partly or fully CSPDCL funded schemes a projected expenditure of Rs. 360 Cr towards ND Obligatory was included. The breakup of the same is as under:

Table 3. Capital Investment Plan Approved by Hon'ble Commission towards ND Obligatory Schemes

Sr. No	Name of the Scheme	FY 2022-23		FY 2023-24		FY 2024-25	
		PHY (No.)	Fin (Rs. Cr.)	PHY (No.)	Fin (Rs. Cr.)	PHY (No.)	Fin (Rs. Cr.)
A	**33 kV lines**	**35**	**4.20**	**35**	**4.55**	**35**	**4.55**
B	**11 kV lines**	**150**	**15.50**	**150**	**15.50**	**150**	**15.50**
C	**LT Lines**	**250**	**6.00**	**250**	**6.00**	**250**	**6.00**
D	**Distribution Transformer**						
i.	New	250	10.00	250	10.00	250	10.00
ii.	Augmentation	500	13.00	500	13.00	500	13.00
E	**Service Connection**						
i	Single Phase	90000	28.01	90000	28.01	90000	28.01
ii	Three Phase	20000	12.11	20000	12.11	20000	12.11
iii	H.T Connection	200	0.06	200	0.06	200	0.06
F	**Other Works**		**31.11**		**30.76**		**30.76**
	Total		**120.0**		**120.0**		**120.0**

2.3 CSPDCL would like to submit that during recent days there have been a lot of complaints regarding low voltage from Surguja, Korea, Jashpur, Surajpur, Balrampur, Gaurela-Pendra-Marwahi and Gariyaband districts of the state have been received from consumers and various VIPs'.

2.4 Since, expenditure towards meter, metering equipments and necessary upgradation in the existing infrastructure to extent quality supply to existing consumers are covered under "ND Obligatory Schemes". It is obligatory on the part of distribution licensee to maintain supply voltage within the strict limits of voltage profile as per the provisions of Chapter 3 of the Supply Code.

2.5 CSPDCL would like to submit that the additional requirement due to the conditions specified in para 2.3 depends upon the specific requirements of the consumers and hence are uncontrollable in nature for the distribution licensee. Hence these works were not included in the CIP for the control period FY 2022-23 to FY 2024-25.

2.6 To meet the specific requirement stipulated in para 2.3 there is requirement of distribution transformers, augmentation of distribution transformers and conversion of existing LT lines.

2.7 The district wise details of the transformer and LT lines are annexed to the Petition as **Annexure-1.**

2.8 In addition to the expenses listed out above, CSPDCL would like to further submit that an internal committee was set up by CE (O&M) to rationalization of O&M expenses. This committee has

recommended that there were certain expenditures related to replacement of failed/ defective transformers, meters and poles which were till now booked under the R&M head under accounts.

2.9 CSPDCL would like to submit that the aforesaid expenditure from R&M expenses to Property, Plant and Equipment and shall not be recognized as capital expenditure in the audited accounts now.

2.10 The amount of the expenses would be Rs. 215 Cr which has been classified as ND (Obligatory) works for the purpose of CIP.

2.11 The board of directors of CSPDCL has approved the aforesaid methodology.

2.12 CSPDCL would like to humbly pray the Hon'ble Commission to allow this expenditure as Capital Expenditure from FY 2022-23 onwards. This would also reduce the R&M expenses.

2.13 The details of the additional capital expenditure claimed in this Petition are below:

Table 4. Additional Capital Expenditure for 2022-23

Sr. No	Name of the Scheme	FY 2022-23 PHY (No./Km)	Amount (Rs. Cr)
A. New Works Identified Post CIP			
A	Additional Distribution Transformer (63 kVa)	1778.00	44.78
B	11 KV lines associated with Additional Transformer	834.20	35.76
C	LT Lines associated with Additional Transformer	345.50	14.88
D	Augmentation of Distribution Transformer	1157.00	13.60
E	Conversion of LT Lines 1 Phase to 3 Phase	1116.26	40.98
	Sub-Total A		**150.00**
B. Additional CIP due to Rationalization of Expenses			
a.	**Expenditure from R&M expenses recognized as Capital Expenditure**		**215.00**
	Sub-Total B		**215.00**
	Grand Total (A+B)		**365.00**

3. Funding Pattern of Additional Capital Expenditure

3.1 Of the total proposed investment towards Normal Development Obligatory work during the Control Period, CSPDCL proposes to fund through its own equity.

4. Prayer

4.1 **PRAYER:** Petitioner humbly requests Hon'ble Commission to approve the additional capital expenditure for FY 2022-23 with funding pattern as shown above.

Annexure-1 - District wise details of the transformer and LT lines

S No.	District	Installation of Additional Distribution Transformers							Augmentation of Distribution Transformer		Conversion of LT Line 1 Ph to 3 Ph		Grand Total
		Distribution Transformer		11 Kv Lines		LT Line		Total Amount					
		No.	Amount	Km	Amount	Km	Amount		No	Amount	Km	Amount	Amount
1	Sarguja	255.00	6.56	50.00	1.96	30.00	1.24	9.76	165.00	1.98	215.00	10.46	22.20
2	Balrampur	275.00	7.00	150.00	5.88	50.00	2.06	14.94	190.00	2.26	145.00	6.31	23.50
3	Jashpur	295.00	7.35	150.00	5.88	75.00	3.09	16.32	150.00	1.90	100.00	3.78	22.00
4	Surajpur	235.00	5.74	117.00	4.59	40.00	1.65	11.97	100.00	1.31	150.00	6.72	20.00
5	Korea	375.00	9.20	150.00	5.88	50.00	2.06	17.14	292.00	3.03	100.00	4.14	24.30
6	Mahasamund	96.00	2.57	48.00	1.88	33.70	1.39	5.84	57.00	0.81	174.32	2.35	9.00
7	Gariyaband	67.00	1.75	34.90	1.37	20.00	0.82	3.94	152.00	1.95	63.17	3.61	9.50
8	G Pendra Marwahi	180.00	4.63	134.40	8.33	46.80	2.57	15.53	51.00	0.36	168.77	3.61	19.50
	Total	**1778.00**	**44.78**	**834.30**	**35.77**	**345.50**	**14.88**	**95.42**	**1157.00**	**13.60**	**1116.26**	**40.98**	**150.00**

Affidavit

NOTARY Alok Sharma Notary/Advocate RAIPUR DISTRICT RAIPUR (C.G.) INDIA Reg. No.CG01/21 19.02.2018 GOVT. OF CHHATTISGARH

BEFORE THE CHHATTISGARH STATE ELECTRICITY REGULATORY COMMISSION: RAIPUR.

PETITION NO..... of ___

IN THE MATTER OF:

"Petition for the approval of Additional Capital Investment Plan for FY 2022-23 under Section 62 and 64 of the Electricity Act, 2003".

Petitioner : Chhattisgarh State Power Distribution Company Limited, (CSPDCL), Vidhyut Sewa Bhawan, Daganiya, Raipur. (CG)

AFFIDAVIT

I, R.A. Pathak S/o Late Shri B.B. Pathak, aged about 59 years, resident at Raipur, do hereby solemnly affirm and state as follows:-

1. I am Executive Director (RA&PM) of the **Petitioner** Chhattisgarh State Power Distribution Company Limited, and I am authorized and competent to execute this affidavit on behalf of the Company.

2. That the facts stated in the petition are true to the best of my knowledge and belief and is based upon the available information & records.

Deponent
R. A. PATHAK
Executive Director (RA & PM)
CSPDCL Raipur

Solemnly affirmed and signed
Before me on this 29 DEC 2022
December '2022 at Raipur

VERIFICATION

I, R.A. Pathak, Executive Director (RA&PM) Son of Late Shri B.B. Pathak, aged about 59 years, resident at Raipur do hereby verify that the contents of the above affidavit are true to my knowledge and belief from information, record and legal advice and no part of it is false and nothing material has been concealed there from.

Verified on this 29 DEC 2022 December '2022 at Raipur.

Deponent
R. A. PATHAK
Executive Director (RA & PM)
CSPDCL Raipur

SOLEMNLY AFFIRMED OR SWORN BEFORE ME BY THE WITHIN NAMED.

ALOK SHARMA
Notary, Advocate,
RAIPUR, (C.G.)

29 DEC 2022

29/12/22
Identifying Witness:
SANTOSH KUMAR DAURIYA
RAIPUR (C.G.)