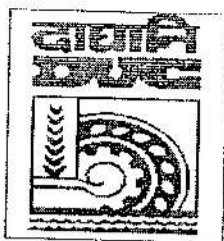


**APPLICATION FOR TRUE-UP FOR FY
2021-22, ANNUAL PERFORMANCE
REVIEW (APR) FOR FY 2022-23 &
DETERMINATION OF AGGREGATE
REVENUE REQUIREMENT (ARR) AND
TARIFF FOR FY 2023-24 FOR
DISTRIBUTION ACTIVITY OF
DAMODAR VALLEY CORPORATION**



**SUBMITTED BEFORE
HONOURABLE JHARKHAND STATE
ELECTRICITY REGULATORY
COMMISSION**

Volume-2

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APPLICATION FOR TRUE-UP PETITION FOR FY 2021-22, ANNUAL PERFORMANCE REVIEW (APR) FOR FY 2022-23 AND DETERMINATION OF AGGREGATE REVENUE REQUIREMENT (ARR) AND TARIFF FOR FY 2023-24 FOR DISTRIBUTION ACTIVITY OF DVC IN THE STATE OF JHARKHAND

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Date: 30.12.2022
Place: Kolkata

Chandan Kumar
For & On Behalf of
Damodar Valley Corporation

ANNEXURE-19



Details of Fees paid to CERC for determination of tariff in CERC in respect of DVC for the FY 2021-22

S No.	Stations	Fees Amount (Rs.)
1	BTPS (3)	9,24,000
2	DTPS (4)	9,24,000
3	MTPS (1-3)	27,72,000
4	MTPS 4	9,24,000
5	PHS	3,52,000
6	MHS	2,78,080
7	THS	17,600
8	Tariff filing fees for T&D Existing System	67,28,466
9	Annual License fees for T&D Existing system	67,28,466
10	Tariff filing fees for T&D New Elements System	3,16,082
11	Annual License fees for T&D New Elements System	3,16,082
12	BTPS A	22,00,000
13	CTPS 7 & 8	22,00,000
14	DSTPS 1 & 2	44,00,000
15	KTPS 1 & 2	44,00,000
16	MTPS 5 & 6	22,00,000
17	MTPS 7 & 8	44,00,000
18	RTPS 1 & 2	44,00,000
19	RM & U of PHS Unit 1	52,80,000
20	Miscellaneous Petition of CTPS 7&8	3,00,000
21	Total	3,00,000
	Expression of Interest (EOI) for Purchase of Solar & Non-solar Power	4,59,60,776

JSERC Tariff Filing fee & Publication expenses for FY 2021-22		
S No.	Items	Fees Amount (Rs.)
1	Annual License Fee for FY 2021-22	4,23,317
2	True-up Fee for FY 2020-21	5,00,000
3	APR Petition Fees for FY 2021-22 and Tariff for FY 2022-23	30,00,000
4	Fees for Approval of PSA for 200 MW-DVC & SECI	3,00,000
5	Fees for Approval of PPA for PoUA for 100 MW power from NTPC	3,00,000
6	Total Tariff Filing Fees related to JSERC	45,23,317



281
150



DAMODAR VALLEY CORPORATION
COMMERCIAL DEPARTMENT
DVC TOWERS, VIP ROAD
KOLKATA - 700 054.

Tel.. No. + 91 33 2355 7931 / 6041 ; Fax No. + 91 33 2355 2129.

No. Coml / Tariff / JSERC Fees / 1650

Dt. 23/08/2021

स्पीड पोस्ट द्वारा
BY SPEED POST 282
कार्यालय प्रति
OFFICE COPY

To
The Secretary
Jharkhand State Electricity Regulatory Commission
2nd Floor, Rajendra Jawan Bhawan cum Sainik Bazar
Main Road, Ranchi -- 834 001.

Sub: - Payment of Annual Distribution License Fees for FY 2021-22

Dear Sir,

In compliance with Cl. 2/c of the Notification Dt. 10.02.2011 issued by the Govt. of Jharkhand, Damodar valley Corporation has remitted Rs. 7,88,599/- as Annual Distribution License Fee for the FY 2021-22. However, DVC has paid Rs. 432317 /- (Rs. Four Lakh Thirty-Two Thousand Three Hundred and Seventeen only) after adjustment of excess fee already paid for Rs 356282 /- in the past years (i.e. FY:2016-17, FY:2017-18 & FY:2018-19)].

The payment of Rs. 432317 /- (Rs. Four Lakh Thirty-Two Thousand Three Hundred and Seventeen only) [Rs. 7,88,599/- as Annual Distribution License Fee for the FY 2021-22 and adjustment of excess fee for Rs. 356282/-] has been made by DVC through NEFT on 16/04/2021 to designated account of JSERC having account no. 6605256646 of Indian Bank, Sainik Bhavan, Main Branch, Ranchi. The UTR No. of the Transaction is PUNBH21106748676.

In terms of the Cl. 2/c of the Notification Dt. 10.02.2011 issued by the Govt. of Jharkhand, the payment has been calculated at the rate of 1 paisa per 100 KWH of energy distributed considering the projected sale of 6939.33 MU in the State of Jharkhand during FY 2021 - 22. The Details calculation as stated below:

F.Y:					Projected Sale for FY:2021-22	Amount in Rs (Considering Rate as = 1 paisa/100 KWH)
Annual Distribution License Fee for the FY: 2021-22					7885.99 MU	Rs. 7,88,599 /-
Less: Adjustment towards the excess payment of Annual Distribution License Fee for the previous period (F.Y. 2016-17, F.Y. 2017-18 & F.Y. 2018-19): (-)3,56,282/-						(-) Rs. 3,56,282 /-
FY	Energy Considered (MU)	Energy finalized (MU)	Differential Energy (MU)	Adjustable amount of distribution license fees (Rs.)		
	A	B	C= B-A	D= C*100(\$)		
2016-17	11031.80	10361.15	(-) 670.65	(-) 67065		
2017-18	11698.58	10984.1	(-) 714.48	(-) 71448		
2018-19	12424.91	10247.22	(-) 2177.69	(-) 217769		
Total				(-) 356282		
Net Payable amount as Annual Distribution License Fee for the FY: 2021-22 after adjustment against excess payment during FY: 2016-17 to FY: 2018-19						Rs. 4,32,317 /-

Kindly acknowledge the payment made by Damodar valley Corporation as stated above.

Encl : As above.

Yours faithfully,

Copy to (N. O. O):
The Director (Commercial), DVC, Kolkata.



[Signature]
Chief Engineer (Commercial) 23/8/21

[Signature]
23/8/21



झारखंड राज्य विद्युत नियामक आयोग

(2nd तल्ला, राजेन्द्र जवान भवन-सह-सैनिक बाजार, मेन रोड, राँची-834001)

JHARKHAND STATE ELECTRICITY REGULATORY COMMISSION

(2nd Floor, Rajendra Jawan Bhawan-cum-Sainik Bazar, Main Road, Ranchi-834001)

1258

Received from

DVC, Kolkata

A sum of Rs. (Rupees)

Four Lakh thirty two thousand Three hundred and Seventeen only.

On account of

Annual Licence fee - 2021-22 (Adjustment towards the excess Payment of Licence fee for previous period 2018-19)

₹

4,32,317/-

Receiving Officer

Through RP 63





**DAMODAR VALLEY CORPORATION
COMMERCIAL DEPARTMENT
DVC TOWERS, VIP ROAD
KOLKATA - 700054**

Phone : 033-23557931/6041

Fax : 033-2355 2129

No. Coml./Tariff/JSERC/ 2467

Date: 30.11.2021

To
The Secretary
Jharkhand State Electricity Regulatory Commission
New Police Line Road, Opposite to C.M House
Kanke Road
Ranchi - 834008

Sub: Submission of Petition for True-up of Tariff for FY 2020-21 in respect of distribution activity and retail supply of electricity for the part of Damodar valley area falling within territory of state of Jharkhand.

Sir,

Enclosed, please find the petition for True-Up of Tariff for FY 2020-21 in respect of distribution activity and retail supply of electricity for the part of Damodar valley area falling within territory of state of Jharkhand in original (one no.) along with 3 no. of hard copies and one no. soft copy (C.D) of the same for your kind consideration.

Requisite fees of Rs. 5,00,000/- (Rs. Five Lakhs Only) is being paid through RTGS mode in the designated bank account of this Hon'ble Commission on 25.11.2021.
Details are as below

UTR No. PUNBR52021112516871853
Name - Jharkhand State Electricity Regulatory Commission
A/C No. 6505256646
IFS Code - IDIB000R010

Hon'ble Commission may be pleased to acknowledge receipt of the petition and fees as detailed above. DVC has already e-mailed the soft copy of the petition (both editable and scanned) on 30.11.2021.

Thanking You,

Enco:- 1 original+3 copy, Soft Copy (Both Editable and Scan) in a CD.

Yours faithfully,

Sandip Pal 30/11/21
(Sandip Pal)

Chief Engineer (Commercial)



1144
288



झारखंड राज्य विद्युत नियामक आयोग

(2nd तल्ला, राजेन्द्र जवान भवन-सह-सैनिक बाजार, मेन रोड, राँची-834001)

JHARKHAND STATE ELECTRICITY REGULATORY COMMISSION

(2nd Floor, Rajendra Jawan Bhawan-cum-Sainik Bazar, Main Road, Ranchi-834001)

1268

DVC Kolkata

Received from

A sum of Rs. (Rupees) Five Lakh only

On account of Petition fee for Foe-up for FY 2020-21

₹ 5,00,000/-

Receiving Officer

Through RTGS dt. 25/1/21





**DAMODAR VALLEY CORPORATION
COMMERCIAL DEPARTMENT
DVC TOWERS, VIP ROAD
KOLKATA - 700054**

Phone : 033-23557931/6041

Fax : 033-2355 2129

No. Coml./Tariff/JSERC/ 2466

Date: 30.11.2021

To
The Secretary
Jharkhand State Electricity Regulatory Commission
New Police Line Road, Opposite to C.M House
Kanke Road
Ranchi - 834008

Sub: Submission of Petition for Annual Performance Review (APR) for FY 2021-22 and determination of ARR and Tariff for FY 2022-23 in respect of distribution activity and retail supply of electricity for the part of Damodar valley area falling within territory of state of Jharkhand.

Sir,

Enclosed, please find the petition for Annual Performance Review (APR) for FY 2021-22 and determination of ARR and Tariff for FY 2022-23 in respect of distribution activity and retail supply of electricity for the part of Damodar valley area falling within territory of state of Jharkhand in original (one no.) along with 3 no. of hard copies and one no. soft copy (C.D) of the same for your kind consideration.

Requisite fees of Rs. 30,00,000/- (Rs. Thirty Lakhs Only) is being paid through RTGS mode in the designated bank account of this Hon'ble Commission on 26.11.2021.
Details are as below

UTR No. PUNBR52021112616906427
Name - Jharkhand State Electricity Regulatory Commission
A/C No. 6505256646
IFS Code - IDIB000R010

Hon'ble Commission may be pleased to acknowledge receipt of the petition and fees as detailed above. DVC has already e-mailed the soft copy of the petition (both editable and scanned) on 30.11.2021.

Thanking You,

Encl:- 1 original+3 copy, Soft Copy (Both Editable and Scan) in a CD.

Yours faithfully,

Sandip Pal
(Sandip Pal) 30/11/21
Chief Engineer (Commercial)



287/142



झारखंड राज्य विद्युत नियामक आयोग

(2nd तल्ला, राजेन्द्र-जवान-भवन-सह-सैनिक बाजार, मेन रोड, राँची-834001)

JHARKHAND STATE ELECTRICITY REGULATORY COMMISSION

(2nd Floor, Rajendra-Jawan-Bhawan-cum-Sainik-Bazar, Main Road, Ranchi-834001)

1269

Received from DVC R/R/Rat

A sum of Rs. (Rupees Twenty lakh only)

On account of Petition for for APR - 2021-22 and ARR & BSR
for R/R 2022-23

₹ 30,00,000/-

Receiving Officer
21/11/21

Through R.T.I No. 26/11/21





DAMODAR VALLEY CORPORATION
COMMERCIAL DEPARTMENT
DVC TOWERS: V I P ROAD
KOLKATA- 700 054

No. Coml/Tariff/Copy Service/3225

Dated- 18.02.2022

To
The General Manager (Power Trading)
Solar Energy Corporation of India Limited
D - 3, 1st Floor, Wing - A, Prius Platinum Building,
District Centre, Saket, New Delhi - 110017
E-mail : aknaik@seci.co.in

Sub: Application for approval of Power Sale Agreement (PSA) between (DVC) and SECI for purchase of 200 MW Assured Peak Power by DVC, which in turn to be procured by SECI from ISTS-Connected RE Projects with storage to be Developed by Renewable Power Developers (RPD)

Dear Sir,

Enclosed please find herewith a copy of the subject petition along with complete set of all the relevant documents for your kind perusal and reference please.

The payment of requisite fees for approval of Power Sale Agreement as per Sr. No. 22 (ii) of schedule -1 (fees, fines and charges of JSERC conduct of business , 2016 has been made by DVC and the details are as given below:

Subject	Payment Amount (Rs.)	UTR No.	Remarks
Payment of Fees to JSERC for approval of PSA between DVC and SECI for purchase of 200 MW Assured Peak Power by DVC, which in turn to be procured by SECI from ISTS-Connected RE Projects with storage	3,00,000/-	SBIN422049077934	Payment made by DVC on 18.02.22

A CD containing the soft copy of Petition is attached herewith

मुख्य अभियंता (व्यापार) / Chief Engineer (Comm.)

दामोदर घाटी निगम / Damodar Valley Corporation

व्यापारिक विभाग / Commercial Dept.

कलकत्ता-700 054

Yours faithfully,
Chief Engineer (Commercial)
For and on behalf of
Damodar Valley Corporation

Enclosed: As stated above

Copy to:-

The Secretary

Jharkhand State Electricity Regulatory Commission
New Police Line Road, opposite to C.M.House
Kanke Road, Ranchi-834008





**DAMODAR VALLEY CORPORATION
COMMERCIAL DEPARTMENT
DVC TOWERS: V I P ROAD
KOLKATA- 700 054**

Page | 5

289
140

No. Coml / Tariff/Copy Service/3282

Dated- 25.02.2022

To
The Secretary
Jharkhand State Electricity Regulatory Commission,
1st Floor, Jharkhand State Housing Board Old Building
Harmu Housing Colony , Ranchi – 834002

Sub: Application for approval of Power Usage Agreement (PUA) between Damodar Valley Corporation (DVC) and NTPC Renewable Energy Limited (NTPC REL) For Supply of 100 MW Solar Power under CPSU Scheme.

Dear Sir,

Enclosed please find herewith a copy of the subject petition along with complete set of all the relevant documents for your kind perusal and reference please.

The payment of requisite fees for approval of Power Usage Agreement as per Sr. No. 22 (ii) of schedule -1 (fees, fines and charges of JSERC conduct of business , 2016 has been made by DVC and the details are as given below:

Subject	Payment Amount (Rs.)	UTR No.	Remarks
Payment of Fees for approval of JSERC for Power Usage Agreement between DVC and NTPC REL For Supply of 100 MW Solar Power under CPSU Scheme.	3,00,000/-	SBIN322054707665	Payment made by DVC on 23.02.2022

A CD containing the soft copy of the petition is attached herewith

Handwritten Signature
उप मुख्य अभियंता (वा.)
Dy. Chief Engineer (Comml.)
वाणिज्यिक विभाग (Comml. Dept.)
दामोदर, कोल-54/DVC, Kol-54
Yours faithfully,

Dy. Chief Engineer (Commercial)
For and on behalf of
Damodar Valley Corporation

Enclosed: As stated above





झारखंड राज्य विद्युत नियामक आयोग

(2nd तल्ला, राजेन्द्र जवान भवन सह-सैनिक बाजार, मेन रोड, राँची-834001)

JHARKHAND STATE ELECTRICITY REGULATORY COMMISSION

(2nd Floor, Rajendra Jawan Bhawan-cum-Sainik Bazar, Main Road, Ranchi-834001)

1271

Received from

DVC, Kof/Kof

A sum of Rs. (Rupees

Three lakh only.

On account of

Petition fee (CPS 9 between DVC and SEEL)

₹

3,00,000/-

Receiving Officer

UTR NO. SB1N422049DT7934 dt. 18/2/22



झारखंड राज्य विद्युत नियामक आयोग

(2nd तल्ला, राजेन्द्र जवान भवन सह-सैनिक बाजार, मेन रोड, राँची-834001)

JHARKHAND STATE ELECTRICITY REGULATORY COMMISSION

(2nd Floor, Rajendra Jawan Bhawan-cum-Sainik Bazar, Main Road, Ranchi-834001)

1272

Received from

DVC, Kof/Kof

A sum of Rs. (Rupees

Three lakh only.

On account of

Petition fee (CPA between DVC and NTPC REL)

₹

3,00,000/-

Receiving Officer

UTR NO. SBEN322054707665 dt. 23/2/22



291
136

Fee Acknowledgement

Counterfoil (Office Copy)

Transaction Id.: 3aa53e5218bfee9e45
PayU Id.: 13078268785
Status: success

Received From : DAMODAR VALLEY CORPORATION (DVC)

The Sum of Rs. : 924000

Fee Type : Annual Fees for Determination of
Tariff Generating Station(GT)
(ATPS - 3) Dated : 31-May-2021 8:14 pm

Fee Mode : NEFTRTGS

13-Dec-2022 10:32 am



292
1135

Fee Acknowledgement

Counterfoil (Office Copy)

Transaction Id.: 5a70da40c5ba6b3a
PayU Id. : 13078643075
Status: success

Received From : DAMODAR VALLEY CORPORATION (DVC)

The Sum of Rs. : 924000

Fee Type Annual Fees for Determination of
Tariff Generating Station(GT)
(DTPS-4)

Dated : 31-May-2021 8:14 pm

Fee Mode NEFTRTGS

13-Dec-2022 10:42 am



293
134

Fee Acknowledgement

Counterfoil (Office Copy)

Transaction Id.: ea017029f44f20bffa
PayU Id. : 13078558833
Status: success

Received From : DAMODAR VALLEY CORPORATION (DVC)

The Sum of Rs. : 924000

Fee Type Annual Fees for Determination of
Tariff Generating Station(GT)
(MTPS-4)

Dated : 31-May-2021 8:14 pm

Fee Mode NEFTRTGS

13-Dec-2022 10:41 am



294
1133

Fee Acknowledgement

Counterfoil (Office Copy)

Transaction Id.: 447fe9d08c2fcbd3b6
PayU Id. : 13078715525
Status: success

Received From : DAMODAR VALLEY CORPORATION (DVC)

The Sum of Rs. : 2772000

Fee Type Annual Fees for Determination of
Tariff Generating Station(GT)
(MTPS 1-3)

Dated : 31-May-2021 8:14 pm

Fee Mode NEFTRTGS

13-Dec-2022 10:44 am



295
1132

Fee Acknowledgement

Counterfoil (Office Copy)

Transaction Id.: 903c9fa499b3293de

PayU Id.: 13078670033

Status: success

Received From : DAMODAR VALLEY CORPORATION (DVC)

The Sum of Rs. : 2200000

Fee Type Annual Fees for Determination of
Tariff Generating Station(GT)
(MTPS 546)

Dated : 31-May-2021 8:14 pm

Fee Mode NEFTRTGS

13-Dec-2022 10:44 am



298
131

Fee Acknowledgement

Counterfoil (Office Copy)

Transaction Id.: 484fc2350d38af1b36
PayU Id. : 13078691499
Status: success

Received From : DAMODAR VALLEY CORPORATION (DVC)

The Sum of Rs. : 4400000

Fee Type Annual Fees for Determination of
Tariff Generating Station(GT)
(MTPS 748)

Dated : 31-May-2021 8:14 pm

Fee Mode NEFTRTGS



297
1130

Fee Acknowledgement
Counterfoil (Office Copy)

Transaction Id.: 2f908b5d0adede4af:
PayU Id.: 13078504435
Status: success

Received From : DAMODAR VALLEY CORPORATION (DVC)

The Sum of Rs. : 2200000

Fee Type Annual Fees for Determination of
Tariff Generating Station(GT)
(CTPS 7 & 8)

Dated : 31-May-2021 8:14 pm

Fee Mode NEFTRTGS

13-Dec-2022 10:40 am



298
1129

Fee Acknowledgement

Counterfoil (Office Copy)

Transaction Id.: 72ec8e78d12a710d
PayU Id.: 13078584731
Status: success

Received From : DAMODAR VALLEY CORPORATION (DVC)

The Sum of Rs. : 4400000

Fee Type Annual Fees for Determination of
Tariff Generating Station(GT)
(DSTPS 1 & 2)

Dated : 31-May-2021 8:14 pm

Fee Mode NEFTRTGS

13-Dec-2022 10:41 am



299
1128

Fee Acknowledgement

Counterfoil (Office Copy)

Transaction Id.: 509f23f254f3ebd00f
PayU Id. : 13078532489
Status: success

Received From : DAMODAR VALLEY CORPORATION (DVC)

The Sum of Rs. : 4400000

Fee Type Annual Fees for Determination of
Tariff Generating Station(GT)
(KTPS 1 & 2)

Dated : 31-May-2021 8:14 pm

Fee Mode NEFTRTGS



300
1127

Fee Acknowledgement
Counterfoil (Office Copy)

Transaction Id.: bbfcc62a3641f3628cl
PayU Id. : 13078454013
Status: success

Received From : DAMODAR VALLEY CORPORATION (DVC)

The Sum of Rs. : 2200000

Fee Type Annual Fees for Determination of
Tariff Generating Station(GT)
(BTPS-A)

Dated : 31-May-2021 8:14 pm

Fee Mode NEFTRTGS

13-Dec-2022 10:40 am



301
1126

Fee Acknowledgement

Counterfoil (Office Copy)

Transaction Id.: 8e2fa7e9ba9ccdcafl
PayU Id. : 13078774953
Status: success

Received From : DAMODAR VALLEY CORPORATION (DVC)

The Sum of Rs. : 5280000

Fee Type Annual Fees for Determination of
Tariff Generating Station(GT) Dated : 31-May-2021 8:14 pm
(RTPS 1-2)

Fee Mode NEFTRTGS



302
1125

Fee Acknowledgement

Counterfoil (Office Copy)

Transaction Id.: 1bf8608bd4ef98081.
PayU Id.: 13078611527
Status: success

Received From : DAMODAR VALLEY CORPORATION (DVC)

The Sum of Rs. : 278080

Fee Type Annual Fees for Determination of
Tariff Generating Station(GT)
(MHS)

Dated : 31-May-2021 8:14 pm

Fee Mode NEFTRTGS

13-Dec-2022 10:42 am



Fee Acknowledgement

Counterfoil (Office Copy)

Transaction Id.: 2707244a843f4623c

PayU Id. : 13078740399

Status: success

Received From : DAMODAR VALLEY CORPORATION (DVC)

The Sum of Rs. : 352000

Fee Type Annual Fees for Determination of
Tariff Generating Station(GT)
(PHS)

Dated : 31-May-2021 8:14 pm

Fee Mode NEFTRTGS



304
1123

Fee Acknowledgement

Counterfoil (Office Copy)

Transaction Id.: 4760f59a6c04d53d2
PayU Id. : 13078800571
Status: success

Received From : DAMODAR VALLEY CORPORATION (DVC)

The Sum of Rs. : 17600

Fee Type Annual Fees for Determination of
Tariff Generating Station(GT)
(THS)

Dated : 31-May-2021 8:14 pm

Fee Mode NEFTRTGS

13-Dec-2022 10:45 am



Fee Acknowledgement

Counterfoil (Office Copy)

Transaction Id.: 0a2e32543c453d51(
PayU Id. : 13078926441
Status: success

Received From : DAMODAR VALLEY CORPORATION (DVC)

The Sum of Rs. : 316082

Fee Type Annual License Fee for Inter-State
Transmission System (Operational)
(T & A New Elements)

Dated : 31-May-2021 8:14 pm

Fee Mode NEFTRTGS

13-Dec-2022 10:47 am



Fee Acknowledgement

Counterfoil (Office Copy)

Transaction Id.: 1adf2ca6de6185b10
PayU Id.: 13079015249
Status: success

Received From : DAMODAR VALLEY CORPORATION (DVC)

The Sum of Rs. : 316082

Fee Type

Annual Fees for Determination of
Tariff of Inter-State Transmission
Assets(TT)

Dated : 31-May-2021 8:14 pm.

(T & S New Elements)

Fee Mode

NEFTRTGS



307
1120

Fee Acknowledgement

Counterfoil (Office Copy)

Transaction Id.: 8148c562525c71151

PayU Id.: 13079047887

Status: success

Received From : DAMODAR VALLEY CORPORATION (DVC)

The Sum of Rs. : 6728466

Fee Type Annual Fees for Determination of
Tariff of Inter-State Transmission
Assets(TT)
(TT & Existing)

Dated : 31-May-2021 8:14 pm

Fee Mode NEFTRTGS



308
(119)

Fee Acknowledgement
Counterfoil (Office Copy)

Transaction Id.: 66f3b1189a5428949
PayU Id.: 13078949863
Status: success

Received From : DAMODAR VALLEY CORPORATION (DVC)

The Sum of Rs. : 6728466

Fee Type Annual License Fee for Inter-State
Transmission System (Operational)
(T&D Existing)

Dated : 31-May-2021 8:14 pm

Fee Mode NEFTRTGS



ANNEXURE-20



ARIJIT GHOSH & CO.

Chartered Accountants

H.O. AE-601, Sec.-I, Salt Lake, Kolkata- 700 064

City Office :65A, Satish Mukherjee Road, 2nd Floor,
Kolkata – 700 026.

Ph: (033) 2463 – 7557 / 4060-5207

Mobile No. 9830778711

Email - arijitghosh_co@yahoo.com

AUDITOR'S CERTIFICATE

We have audited Fuel Data against Order No. Comm1/Fuel Data/2021-22/1336 dtd. 24.11.2022 in respect of All Thermal Power Station i.e. BTPS, CTPS, DSTPS, DTPS, KTPS, MTPS and RTPS for the period from April, 2021 to March, 2022 audit has been conducted and report as below :-

- i) We have studied the Central Electricity Regulatory Commission (CERC) regulation & Tariff Order applicable for a period of Five years from 01.04.2019 to 31.03.2024.
- ii) We have checked the statement in form 19/15 and Calorific Value (CV) of fuel and compared with the norms laid down in the order of Central Electricity Regulatory Commission (CERC) to work out rate of energy charge from Coal, rate of energy from Oil and rate of energy charge ex-bus bar month wise for the period from April, 2021 to March, 2022.
- iii) We have gone through the process of finalization of energy charges submitted by all Thermal Power Stations for the above period.
- iv) We have received all information and explanations which to the best of our knowledge and belief were necessary for the purpose of audit of energy charges for the above mentioned period.

In our opinion, proper books of accounts and records as required for the purpose of checking, have been kept by the Corporation so far as appears from our examination of those books and records.

In our opinion and to the best of our information and according to the explanations given to us the final rate of energy charges from Coal, rate of energy charges from Oil and rate of energy charges ex-bus bar for the above period for the Power Plant show in Annexure- I to Annexure-X (attached herewith) give a true and fair view in conformity with the CERC guidelines as applicable to the Corporation.

Place : Kolkata.

Dated: December 8, 2022

For ARIJIT GHOSH & CO.
Chartered Accountants

(ARIJIT GHOSH, FCA)
Proprietor

UDIN: 220516738FB3VE 3665.



DAMODAR VALLEY CORPORATION

ANNEXURE - I

Energy Charges Monthwise Summary Sheet for site BTPS-A.

Sl. No.	Particulars	Unit	Value											
			April'21	May	June	July	August	September	October	November	December	January	February	March'22
1	*Sp. Fuel Oil (SFO)- Normative	ml/kwh	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
2	*Aux.Con (Acn)	%	5.75	5.75	5.75	5.75	5.75	5.75	5.75	5.75	5.75	5.75	5.75	5.75
3	100 Acn	%	94.25	94.25	94.25	94.25	94.25	94.25	94.25	94.25	94.25	94.25	94.25	94.25
4	*Gross stn.h.rate (sHRn)	Kcal/kwh	2374.1	2374.1	2374.1	2374.1	2374.1	2374.1	2374.1	2374.1	2374.1	2374.1	2374.1	2374.1
5	Price of Coal (LPPF)	Rs/MT	3907.87	3802.77	3760.34	3774.38	3732.83	3689.86	3737.28	3660.08	3559.68	3679.82	3658.83	3691.39
6	GCV of Coal (CVPF)	Kcal/KG	4349.08	4290	4240.34	4178.37	3916.22	4043.03	4115.35	4216.27	4032.33	4096.66	4235.55	4315.1
7	Price of Oil (LPSFI)	Rs/Kl	44613.89	44497.31	44497.31	45179.32	45176.6	45173.7	45170.06	45164.98	45164.98	50552.29	50948.41	50943.48
8	GCV of Oil (CVSF)	Kcal/Lit	9831.31	9831.31	9831.31	9833.66	9834	9834	9834.23	9834.54	9834.54	9625.62	9625.88	9626.11
9	Heat Contribution from Oil	Kcal/kwh	4.916	4.916	4.916	4.917	4.917	4.917	4.917	4.917	4.917	4.813	4.813	4.813
10	Heat Contribution from Coal	Kcal/kwh	2369.184	2369.184	2369.184	2369.183	2369.183	2369.183	2369.183	2369.183	2369.183	2369.287	2369.287	2369.287
11	Specific Coal Consumption	kg/kwh	0.55	0.55	0.56	0.57	0.61	0.59	0.58	0.56	0.59	0.58	0.56	0.55
12	Rate of Energy Ch. from Coal	(Paise/kwh)	212.88	210.01	210.10	214.01	225.82	216.22	215.15	205.67	209.15	212.82	204.67	202.68
13	Rate of Energy Ch. from Oil	(Paise/kwh)	2.23	2.23	2.23	2.26	2.26	2.26	2.26	2.26	2.26	2.26	2.55	2.55
14	Total Energy Ch.at power Stn.	(Paise/kwh)	215.11	212.24	212.32	216.27	228.08	218.48	217.41	207.92	211.41	215.35	207.22	205.23
15	Energy Charges at DVC Bus	(Paise/kwh)	228.2	225.2	225.3	229.5	242	231.8	230.7	220.6	224.3	228.5	219.9	217.8



DAMODAR VALLEY CORPORATION

ANNEXURE- II

Energy Charges Monthwise Summary Sheet for site CTPS-(7-8).

Sl. No.	Particulars	Unit	Value											
			April'21	May	June	July	August	September	October	November	December	January	February	March'22
1	*Sp. Fuel Oil (SFCn) - Normative	ml/kwh	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
2	*Aux.Con (Acm)	%	9.8	9.8	9.8	9.8	9.8	9.8	9.8	9.8	9.8	9.8	9.8	9.8
3	100 Acm	%	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
4	*Gross stn.h.rate (sHRn)	Kcal/Kwh	2369.17	2369.17	2369.17	2369.17	2369.17	2369.17	2369.17	2369.17	2369.17	2369.17	2369.17	2369.17
5	Price of Coal (LPPF)	Rs/MT	3923.13	3925.81	3926.12	3925.81	3924.21	3957.49	3894.62	3806.79	3812.29	3819.48	3940.16	3920.67
6	GCV of Coal (CVPF)	Kcal/KG	3937.56	3928.96	3907.39	3877.2	3816.38	3818.34	3775.32	3671.35	3783.33	3806.44	4022.95	4006.35
7	Price of Oil (LPSFI)	Rs/Kl	4555.62	46163.15	46868.92	48582.68	48588.49	48581.81	48610.22	48742.03	49523.1	49583.93	50257.57	58771.22
8	GCV of Oil (CVSF)	Kcal/Lit	9744.87	9707.29	9663.65	9816.77	9816.15	9816.86	9813.88	9800.1	9815.87	9788.48	9781.69	9917.83
9	Heat Contribution from Oil	Kcal/Kwh	4.872	4.854	4.832	4.908	4.908	4.908	4.907	4.9	4.908	4.894	4.891	4.959
10	Heat Contribution from Coal	Kcal/Kwh	2364.30	2364.32	2364.34	2364.26	2364.26	2364.26	2364.26	2364.27	2364.26	2364.28	2364.28	2364.21
11	Specific Coal Consumption	Kg/Kwh	0.60	0.60	0.61	0.61	0.62	0.62	0.63	0.64	0.63	0.62	0.59	0.59
12	Rate of Energy Ch. from Coal	(Paise/Kwh)	235.60	236.24	237.57	239.39	243.11	245.04	243.90	245.15	238.24	237.24	231.56	231.57
13	Rate of Energy Ch. from Oil	(Paise/Kwh)	2.28	2.31	2.34	2.43	2.43	2.43	2.43	2.44	2.48	2.48	2.51	2.94
14	Total Energy Ch.at power Stn.	(Paise/Kwh)	237.84	238.55	239.91	241.82	245.54	247.47	246.33	247.59	240.71	239.72	234.08	234.30
15	Energy Charges at DVC Bus	(Paise/Kwh)	263.7	264.5	266	268.1	272.2	274.4	273.1	274.5	266.9	265.8	259.5	259.8



DAMODAR VALLEY CORPORATION

ANNEXUR- III

Energy Charges Monthwise Summary Sheet for site KTPS (1-2).

Sl. No.	Particulars	Unit	Value											
			April'21	May	June	July	August	September	October	November	December	January	February	March'22
1	*Sp. Fuel Oil (SFOn)- Normative	ml/kwh	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
2	*Aux.Con (Acn)	%	5.75	5.75	5.75	5.75	5.75	5.75	5.75	5.75	5.75	5.75	5.75	5.75
3	100 Acn	%	94.25	94.25	94.25	94.25	94.25	94.25	94.25	94.25	94.25	94.25	94.25	94.25
4	*Gross stn.h.rate (sHRn)	Kcal/kwh	2374.1	2374.1	2374.1	2374.1	2374.1	2374.1	2374.1	2374.1	2374.1	2374.1	2374.1	2374.1
5	Price of Coal (LPPF)	Rs/MT	3850.32	3761.95	3997.97	4082.04	4094.12	4064.75	4124.87	3870.19	4008.78	4015.57	4168.15	4063.63
6	GCV of Coal (CVPF)	Kcal/KG	3914.45	3785.28	3749.6	3750.01	3792.76	3762.35	3769	3608.3	3919.13	3953.68	4013.83	4030.56
7	Price of Oil (LPSFI)	Rs/Kl	41037.02	41429.92	41429.92	41946.16	41997.04	51112.21	51205.17	51216.76	51239.19	51249.87	51277.38	51299.26
8	GCV of oil (CVSF)	Kcal/Lit	10378.35	10374.66	10375.37	10371	10371.05	10386.41	10383.13	10382.73	10381.96	10379.88	10378.88	10378
9	Heat Contribution from Oil	Kcal/Kwh	5.189	5.187	5.188	5.186	5.186	5.193	5.192	5.191	5.191	5.19	5.189	5.189
10	Heat Contribution from Coal	Kcal/Kwh	2368.911	2368.913	2368.912	2368.915	2368.914	2368.907	2368.908	2368.909	2368.909	2368.91	2368.911	2368.91
11	Specific Coal Consumption	Kg/Kwh	0.605	0.626	0.632	0.632	0.625	0.63	0.629	0.657	0.604	0.599	0.59	0.588
12	Rate of Energy Ch. from Coal	(Paise/Kwh)	233.01	235.431	252.583	257.866	255.714	255.931	259.258	254.084	242.31	240.599	245.999	238.835
13	Rate of Energy Ch. from Oil	(Paise/Kwh)	2.05	2.07	2.07	2.10	2.10	2.56	2.56	2.56	2.56	2.56	2.56	2.57
14	Total Energy Ch.at power Stn.	(Paise/Kwh)	235.06	237.50	254.65	259.96	257.81	258.49	261.82	256.65	244.87	243.16	248.56	241.40
15	Energy Charges at DVC Bus	(Paise/Kwh)	249.4	252	270.2	275.8	273.5	274.3	277.8	272.3	259.8	258	263.7	256.1



DAMODAR VALLEY CORPORATION

ANNEXURE-IV

Energy Charges Monthwise Summary Sheet for site DSTPS(1-2).

Sl. No.	Particulars	Unit	Value											
			April'21	May	June	July	August	September	October	November	December	January	February	March'22
1	*Sp. Fuel Oil (SFO)- Normative	ml/kwh	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
2	*Aux.Con (Actn)	%	5.75	5.75	5.75	5.75	5.75	5.75	5.75	5.75	5.75	5.75	5.75	5.75
3	100 Actn	%	94.25	94.25	94.25	94.25	94.25	94.25	94.25	94.25	94.25	94.25	94.25	94.25
4	*Gross stn.h.rate (sHRn)	Kcal/Kwh	2374.1	2374.1	2374.1	2374.1	2374.1	2374.1	2374.1	2374.1	2374.1	2374.1	2374.1	2374.1
5	Price of Coal (LPPF)	Rs/MT	4202.55	4019.5	3769.44	3710.82	3674.77	3727.39	3614.93	4169.5	4033.93	4306.99	4787.56	4918.69
6	GCV of Coal (CVPF)	Kcal/KG	3828.07	3482.88	3413.3	3144	3286.79	3191.53	3030.11	3693.12	3465.74	3701.54	3890.96	3984.48
7	Price of Oil (LPSFI)	Rs/Kl	41731.52	41728.04	41716.22	41710.89	41683.84	41681.5	41573.89	56179.25	56178.02	56161.95	56143.94	56140.52
8	GCV of Oil (CVSF)	Kcal/Lit	10268.26	10268	10267.47	10267.05	10266.86	10265.9	10263.1	10290.49	10289.44	10289.44	10289.46	10289
9	Heat Contribution from Oil	Kcal/Kwh	5.134	5.134	5.134	5.134	5.133	5.133	5.132	5.145	5.145	5.145	5.145	5.145
10	Heat Contribution from Coal	Kcal/Kwh	2368.97	2368.97	2368.97	2368.97	2368.97	2368.97	2368.97	2368.96	2368.96	2368.96	2368.96	2368.96
11	Specific Coal Consumption	Kg/Kwh	0.62	0.68	0.69	0.75	0.72	0.74	0.78	0.64	0.68	0.64	0.61	0.60
12	Rate of Energy Ch. from Coal	(Paise/Kwh)	260.07	273.40	261.61	279.61	264.86	276.67	282.62	267.45	275.73	275.64	291.48	292.44
13	Rate of Energy Ch. from Oil	(Paise/Kwh)	2.09	2.09	2.09	2.09	2.08	2.08	2.08	2.81	2.81	2.81	2.81	2.81
14	Total Energy Ch.at power Stn.	(Paise/Kwh)	262.16	275.48	263.70	281.69	266.95	278.76	284.70	270.26	278.54	278.45	294.29	295.25
15	Energy Charges at DVC Bus	(Paise/Kwh)	278.2	292.3	279.8	298.9	283.2	295.8	302.1	286.7	295.5	295.4	312.2	313.3



DAMODAR VALLEY CORPORATION

ANNEXURE-V

Energy Charges Monthwise Summary Sheet for site MTPS (1-4).

Sl. No.	Particulars	Unit	Value											
			April'21	May	June	July	August	September	October	November	December	January	February	March'22
1	*Sp. Fuel Oil (SFOn)- Normative	ml/kwh	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
2	*Aux.Con (Acn)	%	9.8	9.8	9.8	9.8	9.8	9.8	9.8	9.8	9.8	9.8	9.8	9.8
3	100 Acn	%	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
4	*Gross stn.h.rate (sHRn)	Kcal/Kwh	2430	2430	2430	2430	2430	2430	2430	2430	2430	2430	2430	2430
5	Price of Coal (LPPF)	Rs/MT	4117.7	4018.79	3938.21	3873.51	4011.5	4017.47	4119.68	4083.66	4472.13	4285.24	4331.57	4443.06
6	GCV of Coal (CVPF)	Kcal/KG	3720.6	3639.01	3505.08	3386.37	3364.05	3383.44	3400.75	3387.75	3735.87	3593.88	3605.06	3593.15
7	Price of Oil (LPSFI)	Rs/Kl	39415.03	39414.92	39414.94	44855.7	44855.78	44855.71	44855.64	44855.66	51714.11	51714.11	51714.31	52243.56
8	GCV of Oil (CVSF)	Kcal/Lit	10000	10000	10000	10000	10000	10000	10000	10000	10000	10000	10000	10000
9	Heat Contribution from Oil	Kcal/Kwh	5	5	5	5	5	5	5	5	5	5	5	5
10	Heat Contribution from Coal	Kcal/Kwh	2425	2425	2425	2425	2425	2425	2425	2425	2425	2425	2425	2425
11	Specific Coal Consumption	Kg/Kwh	0.65	0.67	0.69	0.72	0.72	0.72	0.71	0.72	0.65	0.68	0.67	0.68
12	Rate of Energy Ch. from Coal	(Paise/Kwh)	268.38	267.81	272.47	277.38	289.17	287.94	293.77	292.31	290.29	289.15	291.37	299.86
13	Rate of Energy Ch. from Oil	(Paise/Kwh)	1.97	1.97	1.97	2.24	2.24	2.24	2.24	2.24	2.59	2.59	2.59	2.61
14	Total Energy Ch.at power Stn.	(Paise/Kwh)	270.35	269.78	274.44	279.63	291.42	290.19	296.01	294.56	292.88	291.74	293.96	302.47
15	Energy Charges at DVC Bus	(Paise/Kwh)	299.7	299.1	304.3	310	323.1	321.7	328.2	326.6	324.7	323.4	325.9	335.3



DAMODAR VALLEY CORPORATION

ANNEXURE- VI

Energy Charges Monthwise Summary Sheet for site MTPS (5-6).

Sl. No.	Particulars	Unit	Value											
			April'21	May	June	July	August	September	October	November	December	January	February	March'22
1	*Sp. Fuel Oil (SFCn)- Normative	ml/kwh	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
2	*Aux.Con (Acn)	%	9.8	9.8	9.8	9.8	9.8	9.8	9.8	9.8	9.8	9.8	9.8	9.8
3	100 Acn	%	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
4	*Gross stn.h.rate (shRn)	Kcal/Kwh	2430	2430	2430	2430	2430	2430	2430	2430	2430	2430	2430	2430
5	Price of Coal (LPPF)	Rs/MIT	4025.4	3962.09	3846.79	3827.23	3773.4	3865.66	3959.86	4028.08	4088	4040.4	4242.68	4455.3
6	GCV of Coal (CVPF)	Kcal/KG	3707.55	3625.01	3508.69	3458.95	3354.21	3383.8	3472.15	3554.88	3648.74	3644.02	3688.11	3763.43
7	Price of Oil (LPSF)	Rs/Kl	39414.68	39414.96	39414.89	44855.72	44855.74	44855.58	44855.72	44855.67	51714.05	51714.21	51714.07	52243.46
8	GCV of Oil (CVSF)	Kcal/Lit	10000	10000	10000	10000	10000	10000	10000	10000	10000	10000	10000	10000
9	Heat Contribution from Oil	Kcal/Kwh	5	5	5	5	5	5	5	5	5	5	5	5
10	Heat Contribution from Coal	Kcal/Kwh	2425	2425	2425	2425	2425	2425	2425	2425	2425	2425	2425	2425
11	Specific Coal Consumption	Kg/Kwh	0.65	0.67	0.69	0.70	0.72	0.72	0.70	0.68	0.67	0.67	0.66	0.64
12	Rate of Energy Ch. from Coal	(Paise/Kwh)	263.29	265.05	265.87	268.32	272.81	277.03	276.56	274.78	271.69	268.88	278.96	287.08
13	Rate of Energy Ch. from Oil	(Paise/Kwh)	1.97	1.97	1.97	2.24	2.24	2.24	2.24	2.24	2.59	2.59	2.59	2.61
14	Total Energy Ch.at power Stn.	(Paise/Kwh)	265.26	267.02	267.84	270.56	275.05	279.28	278.81	277.02	274.28	271.46	281.55	288.69
15	Energy Charges at DVC Bus	(Paise/Kwh)	294.1	296	296.9	300	304.9	309.6	309.1	307.1	304.1	301	312.1	321.2



DAMODAR VALLEY CORPORATION

ANNEXURE- VII

Energy Charge Monthwise Summary Sheet for site of MTPS (7-8).

Sl. No.	Particulars	Unit	Value											
			April'21	May	June	July	August	September	October	November	December	January	February	March'22
1	*Sp. Fuel Oil (SFCn)- Normative	ml/kwh	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50
2	*Aux. Con (Acm)	%	5.75	5.75	5.75	5.75	5.75	5.75	5.75	5.75	5.75	5.75	5.75	5.75
3	100 Acm	%	94.25	94.25	94.25	94.25	94.25	94.25	94.25	94.25	94.25	94.25	94.25	94.25
4	*Gross strn.h.rate (sHRn)	Kcal/Kwh	2374.10	2374.10	2374.10	2374.10	2374.10	2374.10	2374.10	2374.10	2374.10	2374.10	2374.10	2374.10
5	Price of Coal (LPPF)	Rs/MT	4075.04	3988.28	3942.20	3874.10	3871.57	3916.25	4037.65	3893.08	4222.23	4119.63	4314.59	4348.69
6	GCV of Coal (CVPF)	Kcal/KG	3713.45	3592.99	3514.13	3397.63	3369.01	3355.82	3439.79	3340.27	3661.82	3698.99	3678.67	3656.29
7	Price of Oil (LPSFI)	Rs/Kl	39414.95	39415.06	39415.24	44855.81	44855.72	44855.66	44855.72	44855.76	51714.77	51714.15	51714.15	52242.91
8	GCV of Oil (CVSF)	Kcal/Lit	10000.00	10000.00	10000.00	10000.00	10000.00	10000.00	10000.00	10000.00	10000.00	10000.00	10000.00	10000.00
9	Heat Contribution from Oil	Kcal/Kwh	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00
10	Heat Contribution from Coal	Kcal/Kwh	2369.10	2369.10	2369.10	2369.10	2369.10	2369.10	2369.10	2369.10	2369.10	2369.10	2369.10	2369.10
11	Specific Coal Consumption	Kg/Kwh	0.64	0.66	0.67	0.70	0.70	0.71	0.69	0.71	0.65	0.64	0.64	0.65
12	Rate of Energy Ch. from Coal	(Paise/Kwh)	259.98	262.97	265.77	270.13	272.25	276.48	278.09	276.12	273.17	263.85	277.86	281.77
13	Rate of Energy Ch. from Oil	(Paise/Kwh)	1.97	1.97	1.97	2.24	2.24	2.24	2.24	2.24	2.59	2.59	2.59	2.61
14	Total Energy Ch.at power Stn.	(Paise/Kwh)	261.95	264.95	267.74	272.38	274.49	278.72	280.33	278.36	275.75	266.44	280.45	284.39
15	Energy Charges at DVC Bus	(Paise/Kwh)	277.9	281.1	284.1	289.0	291.2	295.7	297.4	295.3	292.6	282.7	297.6	301.7



DAMODAR VALLEY CORPORATION

ANNEXURE- VIII

Energy Charge Monthwise Summary Sheet for site of RTPS (1-2).

Sl. No.	Particulars	Unit	Value											
			April'21	May	June	July	August	September	October	November	December	January	February	March'22
1	*Sp. Fuel Oil (SFCn)- Normative	ml/kwh	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50
2	*Aux. Con (Acn)	%	5.75	5.75	5.75	5.75	5.75	5.75	5.75	5.75	5.75	5.75	5.75	5.75
3	100 Acn	%	94.25	94.25	94.25	94.25	94.25	94.25	94.25	94.25	94.25	94.25	94.25	94.25
4	*Gross stn.h.rate (sHrn)	Kcal/Kwh	2350.17	2350.17	2350.17	2350.17	2350.17	2350.17	2350.17	2350.17	2350.17	2350.17	2350.17	2350.17
5	Price of Coal (LPPE)	Rs/MT	4476.72	4485.21	4437.30	4454.24	4468.37	4343.71	4332.85	4355.78	4271.34	4282.68	4272.61	4246.88
6	GCV of Coal (CVPE)	Kcal/KG	3815.50	3625.46	3675.46	3640.00	3580.00	3554.02	3440.03	3502.84	3555.01	3418.06	3571.72	3583.00
7	Price of Oil (LPSEI)	Rs/Kl	41862.65	43133.94	43406.72	45532.48	46959.19	48994.92	52637.23	54322.04	54787.49	60022.83	60193.22	60913.51
8	GCV of Oil (CVSEF)	Kcal/Lit	10320.18	10361.19	10374.74	10387.00	10395.00	10379.12	10404.77	10408.00	10450.14	10447.90	10449.96	10450.00
9	Heat Contribution from Oil	Kcal/Kwh	5.16	5.18	5.19	5.19	5.20	5.19	5.20	5.20	5.23	5.22	5.23	5.23
10	Heat Contribution from Coal	Kcal/Kwh	2345.01	2344.99	2344.98	2344.98	2344.97	2344.98	2344.97	2344.97	2344.95	2344.95	2344.95	2344.95
11	Specific Coal Consumption	Kg/Kwh	0.62	0.65	0.64	0.64	0.66	0.66	0.68	0.67	0.66	0.69	0.66	0.65
12	Rate of Energy Ch. from Coal	(Paise/Kwh)	275.14	290.11	283.10	286.95	292.69	286.60	295.40	291.60	281.75	293.81	280.51	277.94
13	Rate of Energy Ch. from Oil	(Paise/Kwh)	2.09	2.16	2.17	2.28	2.35	2.45	2.63	2.72	2.74	3.00	3.01	3.05
14	Total Energy Ch.at power Stn.	(Paise/Kwh)	277.23	292.27	285.28	289.23	295.04	289.05	297.99	294.31	284.48	296.81	283.52	280.99
15	Energy Charges at DVC Bus	(Paise/Kwh)	294.1	310.1	302.7	306.9	313.0	306.7	316.2	312.3	301.8	314.9	300.8	298.1



DAMODAR VALLEY CORPORATION

ANNEXURE- IX

Energy Charges Monthwise Summary Sheet for site DTPS (4).

Sl. No.	Unit	June'21	July'21	October'21	January'22	February'22	March'22
1	*Spl fuel oil (SFCn) Normat ml/kwh	2.4	2.4	2.4	2.4	2.4	2.4
2	*Aux C on (Acn) %	10.5	10.5	10.5	10.5	10.5	10.5
3	100-Acn %	89.5	89.5	89.5	89.5	89.5	89.5
4	*Gross stn.h. rate (sHRn) Kcal/Kwh	2750	2750	2750	2750	2750	2750
5	Price of Coal (LPPF) Rs/MT	4159.23	4151.45	4108.01	4230.97	3795.42	3933.94
6	GCV of coal (CVPF) Kcal/Kg.	3505.88	3498.42	3464.68	3345.73	3156.14	3159.3
7	Price of Oil (LPSFI) Rs/Kl	51988.24	51988.24	50930.9	59332.49	60961.53	63510.28
8	GCV of Oil (CVSF) Kcal/Lit.	9617.41	9617.4	9608.4	9495.11	9493.9	9456.17
9	Heat Contribution from Oil Kcal/Kwh	23.08	23.08	23.06	22.79	22.79	22.70
10	Heat Contribution from Coal Kcal/Kwh	2726.92	2726.92	2726.94	2727.21	2727.22	2727.31
11	Specific coal Consumption Kg/Kwh	0.78	0.78	0.79	0.82	0.86	0.86
12	Rate of Energy Charges from Coal (Paise/Kwh)	323.51	323.59	323.33	344.88	327.96	339.60
13	Rate of Energy Charges from Oil (Paise/Kwh)	12.48	12.48	12.22	14.24	14.63	15.24
14	Total Energy Charges at Power Station (Paise/Kwh)	335.99	336.07	335.55	359.12	342.59	354.85
15	Energy Charges at DVC Bus (Paise/Kwh)	375.4	375.5	374.9	401.2	382.8	396.5



DAMODAR VALLEY CORPORATION

ANNEXURE- X

Energy Charges Summary Sheet Monthwise and Sitewise (All rates in Paise/Kwh)

Sl. No.	Month/Year	BTPS (1-3)	CTPS (2-3)	DTPS (4)	MTPS (1-4)	MTPS (5-6)	MTPS (7-8)	DSTPS (1-2)	KTPS (1-2)	CTPS (7-8)	RTPS (1-2)	BTPS -A
1	APRIL'21	0	0	0	299.70	294.10	277.90	278.20	249.40	263.70	294.10	228.20
2	MAY'21	0	0	0	299.10	296.00	281.10	292.30	252.00	264.50	310.10	225.20
3	JUNE'21	0	0	375.40	304.30	296.90	284.10	279.80	270.20	266.00	302.70	225.30
4	JULY'21	0	0	375.50	310.00	300.00	289.00	298.90	275.80	268.10	306.90	229.50
5	AUGUST'21	0	0	0.00	323.10	304.90	291.20	283.20	273.50	272.20	313.00	242.00
6	SEPTEMBER'21	0	0	0.00	321.70	309.60	295.70	295.80	274.30	274.40	306.70	231.80
7	OCTOBER'21	0	0	374.90	328.20	309.10	297.40	302.10	277.80	273.10	316.20	230.70
8	NOVEMBER'21	0	0	0.00	326.60	307.10	295.30	286.70	272.30	274.50	312.30	220.60
9	DECEMBER'21	0	0	0.00	324.70	304.10	292.60	295.50	259.80	266.90	301.80	224.30
10	JANUARY'22	0	0	401.20	323.40	301.00	282.70	295.40	258.00	265.80	314.90	228.50
11	FEBRUARY'22	0	0	382.80	325.90	312.10	297.60	312.20	263.70	259.50	300.80	219.90
12	MARCH'22	0	0	396.50	335.30	321.20	301.70	313.30	256.10	259.80	298.10	217.80



ANNEXURE-21



Aggregate Revenue Requirement (ARR) of DVC for FY 2021-22

a) Revenue for own generation allocated to firm consumer as per CERC's latest tariff order :-						
SL. NO.	SOURCE	ENERGY (MU)	Energy Charge Rate (Paise/Unit)	Energy Charge (in Rs. Lakh)	Fixed Charge (in Rs. Lakh)	Total Charges (in Rs. Lakh)
1	DTPS	177.83	388.00	6,899.83	4,597.59	11,497.41
2	MTPS U# 1 to 3	2,902.36	319.73	92,797.34	35,761.43	1,28,558.77
3	MTPS U# 4	1,310.62	318.53	41,746.63	14,040.13	55,786.76
4	MTPS Solar PV	0.02	323.00	0.76	-	0.76
5	KTPS Solar PV	0.03	416.00	1.08	-	1.08
6	PHS	486.94	-	1,745.06	1,745.06	3,490.11
7	MHS		-	1,288.31	1,288.31	2,576.61
8	THS		-	492.64	492.64	985.27
9	T&D	-	-	-	51,524.16	51,524.16
10	SUB TOTAL (a)			1,44,971.63	1,09,449.30	2,54,420.93
b) Revenue required for Power from MTPS 5,6 (CERC order dated 16.03.2017), MTPS 7,8 (CERC order dtd 03.10.2016), DSTPS 1,2 (CERC order dtd 17.03.2017), KTPS 1,2 (CERC order dtd 28.02.2017), CTPS 7,8 (CERC order dtd 17.02.2017), RTPS 1&2 (CERC order dtd. 28.09.2017), BTPS 'A' (CERC order dtd. 30.05.2018)						
1	MTPS U# 5 & 6	2,271.70	304.44	69,159.65	34,635.75	1,03,795.39
2	MTPS U# 7 & 8	1,315.68	290.09	38,166.96	21,803.88	59,970.84
3	CTPS U# 7 & 8	219.66	267.13	5,867.98	3,377.77	9,245.75
4	DSTPS U# 1 & 2	3,497.37	294.20	1,02,891.41	66,366.19	1,69,257.60
5	KTPS U# 1 & 2	305.59	264.16	8,072.45	5,479.86	13,552.32
6	BTPS 'A'	1,654.40	227.27	37,599.29	41,628.80	79,228.09
7	RTPS U# 1 & 2	2,479.93	306.29	75,957.60	53,691.70	1,29,649.30
8	Incentive from CTPS 7&8	-	-	-	37.91	37.91
9	Incentive from KTPS 1&2	-	-	-	29.64	29.64
10	SUB TOTAL (b)			3,37,715.34	2,27,051.49	5,64,766.83
c) POWER PURCHASE COST (Including Transmission charges)						
SL. NO.	SOURCE	NET ENERGY (MU)	Total Rate (Paise/Kwh)	Energy Charge (in Rs. Lakh)	Fixed Charge (in Rs. Lakh)	Total Charges (in Rs. Lakh)
1	Rangit (NHPC)	31.73	424.70	625.35	722.31	1,347.66
2	Teesta (NHPC)	217.33	272.80	2,613.93	3,314.77	5,928.70
3	TSTPS (NTPC)	12.23	298.76	227.81	137.51	365.32
4	FSTPS - I & II	-	-	1.79	-0.21	1.59
5	FSTPS - III	-	-	69.84	97.71	167.55
6	KHSTPS-I	-	-	0.45	-0.08	0.37
7	KHSTPS-II	-	-	-2.49	-0.14	-2.63
8	Chukha (PTC)	182.47	248.26	4,530.07	-	4,530.07
9	Kurichu (PTC)	23.18	224.46	520.22	-	520.22
10	Tala (PTC)	148.44	223.24	3,313.71	-	3,313.71
11	MPL	994.15	450.41	26,463.93	18,313.58	44,777.51
12	KBUNL	80.85	506.26	2,226.30	1,867.10	4,093.40
13	Purchase from Exchange	274.50	901.38	24,742.82	-	24,742.82
14	Unschedule Interchange (UI)	14.47	9,010.88	13,039.09	-	13,039.09
15	Transmission & Related Expenditure	-	-	-	15,010.24	15,010.24
16	SubTotal (c)			78,372.81	39,462.80	1,17,835.61
d) ARR DVC (a+b+c)				5,61,059.78	3,75,963.59	9,37,023.37
e) Add: Interest on Temp Financial Accomodation				27,608.29	-	27,608.29
f) Less: Non Tariff Income (NTI)				4,847.19	-	4,847.19
g) Add: Tariff filling and publication expenses for CERC				-	459.61	459.61
h) Add: Legal Charges & Consultancy Fees				-	1,042.79	1,042.79
i) Add: Environmental Protection and Other Cess				-	67.63	67.63
j) Less: Gain sharing from UI export				367.92	-	367.92
k) Gross ARR DVC (d+e-f+g+h+i)				5,83,452.96	3,77,533.62	9,60,986.58
l) ARR allocated in the state of Jharkhand (in the ratio of sales)				2,65,489.77	1,71,789.88	4,37,279.65
m) ADD: Rebate and discount allowed to consumers				5,338.70	-	5,338.70
n) ADD: Cost of Solar Power & Solar & Non-Solar REC Purchased to meet the solar RPO in the state of Jharkhand				11,781.81	-	11,781.81
o) ADD: Tariff filling fees, publication expenses in Jharkhand				-	45.32	45.32
p) ADD: Interest on security deposit in Jharkhand				-	1,005.87	1,005.87
q) ADD: Interest on Working Capital (IWC) in Jharkhand				-	6,604.42	6,604.42
r) Net ARR of DVC in Jharkhand Area (k+l+m+n+o+p+q)				2,82,610.28	1,79,445.49	4,62,055.77
s) Energy (MU) sold to firm consumers and licensees in Jharkhand						8,198.88
t) Average Tariff Rate (P/Kwh)						563.56

Statement of Revenue (2021-22)

Item	Amount (in Rs. Crs.)
ARR allocated in the state of Jharkhand	4,620.56
Revenue billed in Jharkhand (As per Audited Annual Accounts)	3511.26
FPPPA Billed in FY 2021-22	14.34
Revenue Realized in Jharkhand	3358.23

TRUE-UP OF ARR OF DVC FOR THE PERIOD FY 2021-22
(FOR DISTRIBUTION ACTIVITY IN THE STATE OF JHARKHAND)

Table 1: Actual Own Generation (Ex - Bus) for FY 2021-22 (in MU)

Station	INSTALLED CAPACITY (MW)	FY 2021-22 NET EX-BUS GEN (MU)
		Actual
DTPS U# 4	210	177.832
MTPS U#1 to 3	630	2902.365
MTPS U# 4	210	1310.617
HYDEL	147.2	486.944
MTPS Solar PV	25 (kWp)	0.02
KTPS Solar PV	25 (kWp)	0.03
Sub Total	1197.2	4877.81
MTPS U# 5 & 6	500	3107.431
MTPS U# 7 & 8	1000	6048.752
CTPS U# 7 & 8	500	3450.624
DSTPS U # 1 & 2	1000	5818.746
KTPS U# 1 & 2	1000	6556.515
BTPS 'A'	500	2823.521
RTPS U # 1 & 2	1200	5696.480
Sub Total	5700	33502.07
GRAND TOTAL	6897.2	38379.88

Table 2 : Bilateral Sale and Exchange Sale for FY 2021-22 (in MU)

Station	INSTALLED CAPACITY (in MW)	2021-22
		Actual
MTPS U# 5 & 6	500	835.73
MTPS U# 7 & 8	1000	4733.08
CTPS U# 7 & 8	500	3230.96
DSTPS U # 1 & 2	1000	2321.38
KTPS U# 1 & 2	1000	6250.93
BTPS 'A'	500	1169.12
RTPS U # 1 & 2	1200	3216.55
Sub Total	5700	21757.74

Table 3 : Energy Utilisation for distribution activity from own Generating stations for FY 2021-22 (in MU)

Station	INSTALLED CAPACITY (MW)	2021-22
		Actual
DTPS U# 4	210	177.83
MTPS U# 1,2,3	630	2902.36
MTPS U# 4	210	1310.62
HYDEL	147.2	486.94
MTPS Solar PV	25 (kWp)	0.02
KTPS Solar PV	25 (kWp)	0.03
Sub Total	1197.20	4877.81
MTPS U#5 & 6	500	2271.70
MTPS U#7&8	1000	1315.68
CTPS U# 7&8	500	219.66
DSTPS U # 1 & 2	1000	3497.37
KTPS U# 1 & 2	1000	305.59
BTPS 'A'	500	1654.40
RTPS U # 1 & 2	1200	2479.93
Sub Total	5700	11744.33
GRAND TOTAL	6897.2	16622.13



Table 4: Power Purchase details from Non Renewable Sources for FY 2021-22 (in MU)

SOURCE	Allocation to DVC (MW)	2021-22	
		Actual	
		Gross (MU)	Net (MU)
NHPC			
Rangit	6.00	32.826	31.732
Teesta	44.00	224.757	217.331
NTPC			
TSTPS - I	2.00	12.657	12.228
KBUNL MTPS -II	10.14	83.717	80.855
PTC			
Chukha	28.00	188.620	182.473
Kurichu	30.00	23.949	23.176
Tala	55.94	153.375	148.437
MPL	150.00	1029.364	994.155
Sub-Total	326.08	1749.265	1690.386
Contingency Purchase (IEX/PXIL)		274.499	274.499
Total Power Purchase (MU)		2023.764	1964.885

Table 5: Power Purchase from Renewable Sources for FY 2021-22

(IN MU)

ITEM	Allocation to DVC (MW)	Gross Power	Net Power
		Actual	Actual
Solar			
Talcher	10.00	13.329	13.329
Unnchar	10.00	13.329	13.329
Rajasthan	20.00	26.491	25.637
Sub-Total	40.00	53.149	52.295
GTAM Purchase (Solar)		17.121	17.121
GTAM Purchase (Non-Solar)		12.478	12.478

Table - 6 : Firm Sale to consumers of DVC in Jharkhand and West Bengal for FY 2021-22 (in MU)

Consumer Category	FY 2021-22 (Actual)		
	Jharkhand	West Bengal	Ratio (JH : Total)
LT	38.621	0.459	0.988
11 KV	0.202	0.000	1.000
33 KV	4906.924	5879.732	0.455
132 KV	1245.382	2614.044	0.323
132 KV TRACTION	267.159	1.605	0.994
220 KV	1740.593	1323.530	0.568
TOTAL	8198.881	9819.370	0.455

Table - 7 (A) : Load of LT consumers of DVC in Jharkhand for FY 2021-22 (in KW)

Consumer Category	FY 2021-22
	Actual
LT	7451.29

Table - 7 (B) : Load of LT consumers of DVC in West Bengal for FY 2021-22 (in KVA)

Consumer Category	FY 2021-22
	Actual
LT	200.00

Table - 7 (C): Load/Contract Demand of HV & EHV consumers of DVC in Jharkhand & West Bengal for FY 2021-22 (in MVA)

Consumer Category	FY 2021-22	
	Actual	
	Jharkhand	West Bengal
11 KV	0.600	0.00
33 KV	895.060	1040.14
132 KV	317.500	421.00
132 KV TRACTION	90.625	5.00
220 KV	290.000	297.00
TOTAL	1593.785	1763.14

Table - 8 : No. of Consumers /Off-take points in Jharkhand and West Bengal for FY 2021-22 (in Nos.)

Consumer Category	FY 2021-22	
	Actual	
	Jharkhand	West Bengal
LT	5	2
11 KV	2	0
33 KV	142	111
132 KV	11	18
132 KV TRACTION	5	1
220 KV	2	3
TOTAL	167	135

Table 9: Actual Sales (MU), No of Consumers and Load/CD of consumers of DVC for FY 2021-22 in Jharkhand

Consumer Category	JHARKHAND		
	Actual		
	FY 2021-22		
	SUPPLY POINTS	CONNECTED LOAD (KW)	CONSUMPTION (MU)
LT	5	7451.29	38.62
Sub-Total	5	7451.29	38.62
	SUPPLY POINTS	CONNECTED LOAD (MVA)	CONSUMPTION (MU)
11 KV	2	0.60	0.20
33 KV	142	895.06	4906.92
132 KV	11	317.50	1245.38
132 KV TRACTION	5	90.63	267.16
220 KV	2	290.00	1740.59
Sub-Total	162	1593.79	8160.26



Table 10 : Energy Wheeled through DVC system in FY 2021-22

Financial Year	2021-22
	Actual
Energy input in DVC system (MU)	879.27
Energy output from DVC system (MU)	1002.21

Table 11: Actual Energy Balance of DVC for FY 2021-22

A. Energy Requirement	2021-22
	Actual
Energy sales within the state of Jharkhand	8198.88
Energy sales within the state of WB	9819.37
Total energy sales in DVC Area	18018.25
Energy wheeled	1002.21
Overall Utilization	19020.46
T&D loss (MU)	513.25
T&D loss(%)	2.63%
Total Energy Requirement for DVC	19533.71
B. Energy Availability	2021-22
	Actual
Own Generation	
Thermal	37892.8833
Hydel	486.9441
Solar	0.05
Sub Total	38379.88
Net Power Purchase	2046.78
UI (Export)	14.47
Energy received for Wheeling	879.27
Less: Energy sold to other licensees	21757.74
Total Energy Available for DVC	19533.71

Table -12: Annual Fixed Cost (AFC) of Different Gen. Stations and T&D System of DVC for FY 2021-22

(in Rs. Lakhs)

STATION	2018-19		2021-22
	As per CERC Tariff orders		
DTPS U# 4*	20.07.2017	11249.89	11249.89
MTPS U#1 to 3	31.08.2016	36206.46	36206.46
MTPS U#4**	30.11.2022		14040.13
MHS	20.09.2016	3490.11	3490.11
PHS	20.09.2016	2576.61	2576.61
THS	23.09.2016	985.27	985.27
T&D System***	23.07.2022 02.03.2022		50921.00
MTPS U#5 & 6	16.03.2017	47377.80	47377.80
MTPS U# 7,8	03.10.2016	101920.61	101920.61
CTPS U# 7&8	17.02.2017	53060.03	53060.03
DSTPS U # 1 & 2	17.03.2017	110416.69	110416.69
KTPS U # 1 & 2	28.02.2017	117573.67	117573.67
BTPS - A	30.05.2018	77188.94	77188.94
RTPS U # 1 & 2	28.09.2017	139554.82	139554.82
*Annual Fixed Cost of DTPS has been considered for 210 MW Unit# 4 only. Unit # 3 of 140 MW have already been decommissioned prior to FY 2021-22.			
**Annual Fixed Cost of MTPS U#4 has been considered as per latest tariff order issued by CERC for the period FY 2019-24 for FY 2021-22			
*** Annual Fixed Cost of T&D System (Existing and New Elements) has been considered as per the latest Tariff order issued by CERC for the period 2019-24 for FY 2021-22			



Table - 13 : Actual PAFY for Generating Stations / Units and TAFY for T&D System of DVC from FY 2021-22

STATION	PAF-Y (FY 2021-22)			
	HD-p	HD-op	LD-p	LD-op
	High Demand Season		Low Demand Season	
DTPS U# 4	60.45%	60.68%	20.39%	20.04%
MTPS U#1 to 3	80.70%	80.85%	87.20%	87.24%
MTPS U#4	103.00%	102.97%	94.12%	93.82%
MHS	80.00%			
PHS	80.00%			
THS	80.00%			
T & D SYSTEM	99.67%			
MTPS U# 5 & 6	88.77%	88.83%	94.82%	94.66%
MTPS U# 7 & 8	79.57%	79.18%	93.47%	93.34%
CTPS U# 7 & 8	95.77%	95.76%	96.54%	96.42%
DSTPS U # 1 & 2	88.75%	88.52%	93.64%	93.38%
KTPS U # 1 & 2	98.00%	98.29%	87.57%	86.87%
BTPS 'A'	86.52%	86.44%	76.13%	75.94%
RTPS U # 1 & 2	81.20%	80.71%	72.98%	73.15%

Table 14 : Actual Share of own generation for DVC's for firm consumers for entire operational area of DVC for FY 2021-22

STATION	2021-22		
	Ex bus generation (MU)	Actual allocation for firm consumer (MU)	% of Generation for firm consumers
DTPS U# 4	177.83	177.83	100.00%
MTPS U#1 to 3	2902.36	2902.36	100.00%
MTPS U# 4	1310.62	1310.62	100.00%
HYDEL	486.94	486.94	100.00%
MTPS Solar PV	0.02	0.02	100.00%
KTPS Solar PV	0.03	0.03	100.00%
Sub Total	4877.81	4877.81	100.00%
MTPS U#5 & 6	3107.43	2271.70	73.11%
MTPS U# 7&8	6048.75	1315.68	21.75%
CTPS U# 7&8	3450.62	219.66	6.37%
DSTPS U 1 & 2	5818.75	3497.37	60.11%
KTPS U# 1 & 2	6556.51	305.59	4.66%
BTPS 'A'	2823.52	1654.40	58.59%
RTPS U # 1 & 2	5696.48	2479.93	43.53%
Sub Total	33502.07	11744.33	35.06%
Total	38379.88	16622.13	43.31%



Table - 15 (A): Computation of Fixed Charges payable by firm consumers of DVC for FY 2021-22 (Actual) (in Rs. Lakh)

Station	Normative Availability (NAPAF)	Actual PAI-Y				Annual Fixed charge (AFC) (in Rs. Lakh)	Contribution to P&G Fund and Contribution & Interest on Sinking Fund (in Rs. Lakh)	Annual Fixed Charge excluding Contribution & Interest on Sinking Fund (AFC) (in Rs. Lakh)	Recoverable AFC (incl. Sinking Fund) (in Rs. Lakh)	Share of firm consumer	Recoverable Contribution to P&G Fund and Contribution & Interest on Sinking Fund (in Rs. Lakh)	Total Recoverable Fixed charge from Firm Consumers (in Rs. Lakh)
CTPS U# 4	74%	HD-p	HD-op	LD-p	LD-op	11243.80	0.00	11243.89	4597.59	100.00%	0.00	4597.59
MTPS U# 1 to 3	85%	80.45%	80.68%	20.39%	20.04%	36206.46	0.00	36206.46	35761.43	100.00%	0.00	35761.43
MTPS U# 4	85%	80.70%	80.85%	87.20%	87.24%	14040.13	0.00	14040.13	14040.13	100.00%	0.00	14040.13
MPS	80%	133.00%	102.97%	84.12%	93.82%	1745.06	0.00	1745.06	1745.06	100.00%	0.00	1745.06
PHS	80%		80.00%			1288.31	0.00	1288.31	1288.31	100.00%	0.00	1288.31
THS	80%		80.00%			492.64	0.00	492.64	492.64	100.00%	0.00	492.64
T & D System	98.5%		98.67%			50021.00	0.00	50021.00	51524.16	100.00%	0.00	51524.16
SUB-TOTAL						115943.48	0.00	115943.48	109449.38		0.00	109449.38
MTPS U# 5	85%	88.77%	88.83%	94.82%	94.66%	47377.80	1602.04	45775.76	45775.76	73.11%	1171.18	34653.75
MTPS U# 7&8	85%	79.57%	79.18%	93.47%	93.34%	101920.61	2503.93	99396.68	97694.35	21.75%	562.04	21903.88
CTPS U# 7 & 8	85%	95.77%	95.76%	96.54%	96.42%	53080.03	2508.92	50571.11	50153.11	6.37%	185.05	3377.77
DSTPS U# 1 & 2	85%	88.75%	88.52%	93.64%	93.38%	110416.69	5632.97	104783.72	104783.72	60.11%	3365.71	66366.19
CTPS U# 1 & 2	85%	98.02%	98.29%	87.57%	86.87%	117573.67	6136.84	111436.83	111436.83	4.66%	266.03	5479.86
BTPS A	85%	86.52%	86.44%	76.13%	75.94%	77188.94	0.00	77188.94	71045.81	58.59%	0.00	41628.80
BTPS U# 1 & 2	85%	81.20%	80.71%	72.08%	73.15%	139554.62	1162.77	138392.05	122168.77	43.53%	506.21	53691.70
SUB-TOTAL						647992.56	30025.47	627967.09	638223.35		6094.21	226983.94
GRAND TOTAL						763036.94	30025.47	743016.57	715472.55			336433.24

Table 15 (B) Incentive Calculation for achieving PLF more than 85% as per regulation 42 (6) of CERC (Terms and Conditions of Tariff) Regulations 2019

Particulars	Unit	High Demand Season		Low Demand Season	
PLF achieved	%	Peak Period	Off Peak Period	Peak Period	Off Peak Period
Energy above Normative PLF of	kWh	93.21%	90.28%	79.08%	73.70%
Rate of Incentive	Paise/kWh	28165575	90579650	0	0
Applicable Incentive	Rs. Lakhs	183.08	452.90	0.00	0.00
Applicable Incentive recoverable from Distribution	Rs. Lakhs	8.53	21.11	0.00	0.00

Particulars	Unit	High Demand Season		Low Demand Season	
PLF achieved	%	Peak Period	Off Peak Period	Peak Period	Off Peak Period
Energy above Normative PLF of	kWh	91.51%	86.46%	91.96%	86.96%
Rate of Incentive	Paise/kWh	10801700	12105750	34283300	48374875
Applicable Incentive	Rs. Lakhs	70.21	60.53	222.84	241.87
Applicable Incentive recoverable from Distribution	Rs. Lakhs	4.47	3.85	14.19	15.40



Table - 16 : Average Energy Charge Rate for DVC's own Thermal Generating stations for FY 2021-22

Station	2021-22
	ECR (P/Kwh)
	Actual
DTPS U# 4	388.0
MTPS U#1 to 3	319.7
MTPS U# 4	318.5
MTPS U#5 & 6	304.4
MTPS U# 7&8	290.1
CTPS U # 7,8	267.1
DSTPS U # 1 & 2	294.2
KTPS U # 1 & 2	264.2
BTPS 'A'	227.3
RTPS U # 1 & 2	306.3

Table - 17 : Actual Computation of Energy Charges for DVC's own Thermal Generating stations for FY 2021-22

Station	2021-22		
	ECR (P/Kwh)	Actual Energy (MU) for Firm Consumers	Energy charge (Rs. Lakh)
DTPS U# 4	388.00	177.83	6899.83
MTPS U#1 to 3	319.73	2902.36	92797.34
MTPS U# 4	318.53	1310.62	41746.63
HYDEL	-	486.94	3526.00
MTPS Solar PV	323.00	0.0235	0.7584
KTPS Solar PV	416.00	0.0259	1.0773
MTPS U#5 & 6	304.44	2271.70	69159.65
MTPS U# 7&8	290.09	1315.68	38166.96
CTPS U # 7,8	267.13	219.66	5867.98
DSTPS U # 1 & 2	294.20	3497.37	102891.41
KTPS U # 1 & 2	264.16	305.59	8072.45
BTPS 'A'	227.27	1654.40	37599.29
RTPS U # 1&2	306.29	2479.93	75957.60
Total (Thermal)	290.39	16622.13	482686.97

Table - 18 : Actual Tariff Filing Fees & Publication Expenses in CERC for FY 2021-22 (in Rs. Lakhs)

Items	2021-22
	Actual
Tariff Filing Fees before CERC	459.61
Publication Expenses related to CERC	0.00
TOTAL	459.61



Table 19 (A):- Actual Power purchase cost from Renewable & Non Renewable sources for FY 2021-22 (In Rs. Lakh)

Source Stations	2021-22 (Actual)					
	Energy (MU) (GROSS)	Energy (MU) (NET)	Capacity Charges (Rs. Lakh)	Energy Charge (Rs. Lakh)	Other Charges (Rs. Lakh)	Total Cost (Rs. Lakh)
NHPC						
Rangit (NHPC)	32.83	31.73	677.93	625.35	44.38	1347.66
Teesta (NHPC)	224.76	217.33	2878.16	2613.93	436.61	5928.70
Sub-total	257.58	249.06	3556.09	3239.28	480.99	7276.36
NTPC						
Talcher (NTPC)	12.66	12.23	132.71	227.81	4.81	365.32
FSTPS - I&II			-	1.79	-0.21	1.59
FSTPS - III			-	69.84	97.71	167.55
KhTPS-I			-	0.45	-0.08	0.37
KhTPS-II			-	-2.49	-0.14	-2.63
Sub-total	12.66	12.23	132.71	297.40	102.09	532.19
KBUNL						
	83.72	80.85	1868.15	2226.30	-1.06	4093.40
NTPC Solar Power						
NTPC - I&II Solar Power	26.66	26.66	-	2494.01	-	2494.01
NTPC - VVNL Solar Power (Tr. Charges)	26.49	25.64	-	2752.76	-	2752.76
Sub-total	53.15	52.30	-	394.44	-	394.44
PTC power from Bhutan						
Chukha (PTC)	188.62	182.47	-	4530.07	-	4530.07
Kurichu (PTC)	23.95	23.16	-	520.22	-	520.22
Tala (PTC)	153.37	148.44	-	3313.71	-	3313.71
Sub-total	365.94	354.09	-	8364.00	-	8364.00
MPPL						
	1029.36	994.15	15847.39	26463.93	2466.18	44777.51
Contingency Purchase (IEX/IPXIL)						
	274.50	274.50	-	24742.82	-	24742.82
GTAM Purchase (Solar)						
	17.12	17.12	-	869.96	-	869.96
GTAM Purchase (Non-Solar)						
	12.48	12.48	-	684.70	-	684.70
Total	2106.51	2046.78	21404.35	72529.60	3048.21	96982.15

Table 19 (B): Unscudule Interchange (UI) Calculation for the FY 2021-22

	Energy (MU)	Amount (Rs. Lakhs)	Rate (Rs./kwh)	Weighted Avg ECR of DVC	Net Gain (Rs. Lakhs)
UI Import (purchase mode)	121.83	13039.09	10.70		
UI Export (Sale mode)	136.30	4325.99	3.17	2.90	367.92
Net UI (export)	14.47	8713.10	60.21		

Table 20:- Transmission & Other Incidental charges related to power purchase for FY 2021-22

ITEM	2021-22
	Actual Cost (Rs Lakh)
POC Charges (CTUIL)	13249.43
ULDC Charges (PGCIL)	887.82
POSOCO Charges (Dist. Lic. & Buyer)	84.60
PTC Transmission charge	93.48
Contribution to ERPC fund	16.00
Reactive charges paid to PGCIL	610.39
AMC charges paid for ULDC Communication scheme	68.52
Total	15010.24

Table - 21: Summary of Total power purchase cost during FY 2021-22 (In Rs. Lakh)

Item	2021-22
POWER PURCHASE COST (Excluding UI & RPO)	89786.28
TRANSMISSION and OTHER INCIDENTAL CHARGES	15010.24
NET UNSCHEDULE INTERCHANGE (UI)	13039.09
SUB-TOTAL	117835.61
PURCHASE OF SOLAR POWER THROUGH CONVENTIONAL ROUTE	5641.21
PURCHASE OF SOLAR POWER THROUGH GTAM	869.96
PURCHASE OF NON-SOLAR POWER THROUGH GTAM	684.70
PURCHASE OF REC SOLAR (JH)	5084.09
PURCHASE OF REC NON-SOLAR (JH)	1968.56
PURCHASE OF REC SOLAR (WB)	1338.47
PURCHASE OF REC NON-SOLAR (WB)	2550.85
GRAND TOTAL	135973.46



Table 22: Interest on Security Deposit for FY 2021-22 (In Rs. Lakh)

Security deposit held as on 01.04.2021	Refund	Further Deposit	Interest upto 31.03.2022	TDS	Net Interest	Cumulative SD as on 31.03.2022	Average Security Deposit Held
A	B	C	D	E	F = D - E	G = A+B+C+F	H = (A+G)/2
14601.29	590.24	216.87	1005.87	97.21	908.65	15136.57	14868.93

Table 23: Pollution & other Cess for FY 2021-22 (Rs. Lakhs)

Items	2021-22
Environmental Protection and Other Cess	67.63

Table - 25: Non Tariff Income (NTI) & Interest on Temporary Financial accommodation for FY 2021-22 (In Rs. Lakh)

Items	2021-22
	Actual
Delay Payment Surcharge	4847.19
Interest on Temporary Financial accommodation	27608.29

Table 24: Computation of interest on Working Capital (WIC) for FY 2021-22 (In Rs Lakhs)

S No.	Particular	2021-22
		Actual
A	Revenue from sales in Jharkhand	462055.77
B	Cost of power purchase allocated for Jharkhand in the ratio of sales	65400.78
C	Two months receivable (A/6)	77009.29
D	One month power purchase cost (B/12)	5450.07
E	Security deposit held	14868.93
F	Working Capital (C-D-E)	56690.30
G	Interest rate (%) (SBI Base Rate as on 01.04.2021 + 350 basis points)	11.65
H	Interest on working capital	6604.42

Table - 26: Tariff Filing & APR Fees & Publication Expenses in JSERC for FY 2021-22 (In Rs lakhs)

Item	2021-22
	Actual
Tariff Filing Fees & APR & Annual Licensee fees related to JSERC	45.323
Publication Expenses related to JSERC	0.000
TOTAL	45.32



Table 27:- Total ARR of DVC for FY 2021-22 for its Distribution activity and Retail supply in the State of Jharkhand

S No.	Station/item	2021-22	
		Energy charge (In Rs. lakh)	Fixed charge (In Rs. lakh)
1	DTPS U# 4	6,899.83	4,597.59
2	MTPS 1 TO 3	92,797.34	35,761.43
3	MTPS 4	41,746.63	14,040.13
4	HYDEL	3,526.00	3,526.00
5	T&D	-	51,524.16
6	MTPS Solar PV	0.76	-
7	KTPS Solar PV	1.08	-
8	MTPS 5 & 6	69,159.65	34,635.75
9	MTPS 7 & 8	38,166.96	21,803.88
10	CTPS 7 & 8	5,867.98	3,377.77
11	DSTPS 1 & 2	1,02,891.41	66,366.19
12	KTPS 1 & 2	8,072.45	5,479.86
13	BTPS A	37,599.29	41,628.80
14	RTPS 1 & 2	75,957.60	53,691.70
15	Incentive from CTPS 7 & 8	-	37.91
16	Incentive from KTPS 1 & 2	-	29.64
17	POWER PURCHASE Cost (excluding RPO)	78,372.81	24,452.56
18	Transmission & other Incidental Charges	-	15,010.24
19	Tariff filling fees & publication expenses to CERC	-	459.61
20	Environmental Protection and Other Cess	-	67.63
21	Legal Charges & Consultancy Fees	-	1,042.79
22	Interest on Temp Financial Accommodation	27,608.29	-
23	Less: Gain sharing from UI export	367.92	-
24	Less: Non Tariff Income (NTI)	4,847.19	-
25	Total (Sl. No. 1 to 22 -23-24)	5,83,452.96	3,77,533.62
26	Ratio of sales in Jharkhand part to total firm sale in entire DVC	0.4550	0.4550
27	ARR before IWC, Interest on SD & tariff filling fees in the licensed area of Jharkhand (Sl. No. 25 x 26)	2,65,489.77	1,71,789.88
28	Cost of Solar & Non Solar Power and REC Purchased to meet the solar & non solar RPO in the state of Jharkhand	11,781.81	-
29	Interest on Working Capital	-	6,604.42
30	Interest on security deposit	-	1,005.87
31	Tariff Filing Fees & Publication Expenses in JSERC	-	45.32
32	Rebate and discount allowed to consumers	5,338.70	-
33	ARR for Jharkhand Area (Sl. No. 27+28+29+30+31+32)	2,82,610.28	1,79,445.49
34	NET ARR Jharkhand	2,82,610.28	1,79,445.49
35	TOTAL ARR		4,62,055.77

Average Cost of Supply (2021-22)			
	PARTICULARS		QUANTUM
1	Total ARR (in Rs. Crs.)	A	4620.56
2	Sale in Jharkhand (in MU)	B	8198.88
3	Avg Cost of Supply (in Rs./Kwh)	C	5.64



ANNEXURE-22



Actual Sale, No. of Consumers & Connected Load details in Jharkhand area during FY 2021-22

Name of Distribution Licensee : Damodar Valley Corporation

Consumer Category	SUPPLY POINTS	CONNECTED LOAD	CONSUMPTION (MU)
	JHARKHAND	JHARKHAND	JHARKHAND
LT	5	CONNECTED LOAD (kW) 7451.29	38.62
11kV	2	CONNECTED LOAD (MVA) 0.60	0.20
33 KV	142	895.06	4906.92
132 KV	11	317.50	1245.38
132 KV TRACTION	5	90.63	267.16
220 KV	2	290.00	1740.59
TOTAL	167	1593.79	8198.88



Summary of Power Purchase from Own Stations and Other Sources for FY2021-22

Name of Distribution Licensee : Damodar Valley Corporation

SOURCE	2021-22		
	NET ENERGY (MU)	Amount (Rs. Lakhs)	Rate (Rs./Unit)
1) NHPC:			
RANGIT	31.73	1347.66	4.25
TEESTA	217.33	5928.70	2.73
SUB TOTAL NHPC	249.06	7276.36	2.92
2) NTPC:			
TSTPS	12.23	365.32	2.99
FSTPS-I		1.59	
FSTPS-III		167.55	
KhTPS-I		0.37	
KhTPS-II		-2.63	
SUB TOTAL NTPC	12.23	532.19	4.35
3) PTC:			
Chukha	182.47	4530.07	2.48
Kurichu	23.18	520.22	2.24
Tala	148.44	3313.71	2.23
SUB TOTAL PTC	354.09	8364.00	2.36
4) POWER PURCHASE FROM OTHER SOURCES:			
MPL	994.15	44777.51	4.50
KBUNL	80.85	4093.40	5.06
Contingency Purchase (IEX/PXIL)	274.50	24742.82	9.01
SUB TOTAL OTHERS	1349.51	73613.72	5.45
5) RENEWABLE PURCHASE OBLIGATION:			
SOLAR POWER	52.30	5641.21	10.79
SOLAR POWER (GTAM PURCHASE)	17.12	869.96	5.08
NON-SOLAR POWER (GTAM PURCHASE)	12.48	684.70	5.49
Solar REC		6422.57	
Non-Solar REC		4519.41	
SUB TOTAL RPO	81.89	18137.85	22.15
6) UNSCHEDULED INTERCHANGE	14.47	13039.09	-
7) TRANSMISSION CHARGES:			
POC Charges (CTUIL)		13249.43	
ULDC Charges (PGCIL)		887.82	
POSOCO Charges (Dist. Lic. & Buyer)		84.60	
PTC Transmission charge		93.48	
Contribution to ERPC fund		16.00	
AMC charges for ULDC scheme		68.52	
Reactive charges PGCIL		610.39	
SUB TOTAL TRANSMISSION CHARGES		15010.24	
TOTAL - POWER PURCHASE AND TRANSMISSION CHARGES (1 TO 7)	2032.31	135973.46	6.69
8) DVC's OWN GENERATING STATIONS	16622.13	819187.76	4.93
GRAND TOTAL	18654.44	955161.22	5.12

Form No. F18

Computation of Interest on Working Capital (IWC) for FY2021-22

Name of Distribution Licensee : Damodar Valley Corporation

		Amount (In Rs. Lakhs)
Sl. No.	Particulars	Amount
A	Revenue from sales in Jharkhand	462055.77
B	Cost of power purchase allocated for Jharkhand in the ratio of sales	65400.78
C	Two months receivable (A/6)	77009.29
D	One month power purchase cost (B/12)	5450.07
E	Security deposit held	14868.93
F	Working Capital (C-D-E)	56690.30
G	Interest rate(%) (SBI Base Rate as on 01.04.2021 + 350 basis points)	11.65
H	Interest on working capital	6604.42



Form No. S7

Energy Balance for FY 2021-22

Name of Distribution Licensee : Damodar Valley Corporation

A. Energy Requirement	Actual (MU)
	2021-22
Energy sales within the state of Jharkhand	8198.88
Energy sales within the state of West Bengal	9819.37
Total energy sales in DVC Area	18018.25
Energy wheeled	1002.21
Overall Utilization	19020.46
T&D loss (MU)	513.25
T&D loss(%)	2.63%
Total Energy Requirement for DVC	19533.71
B. Energy Availability	Actual (MU)
	2021-22
Own Generation-Firm sources	
Thermal	37892.88
Hydel	486.94
Solar	0.05
Sub Total	38379.88
Net Power Purchase	2046.78
UI (Export)	14.47
Energy received for Wheeling	879.27
Less: Energy sold to other licensees	21757.74
Total Energy Available for DVC	19533.71



Form T1

Existing Tariff

Name of Distribution Licensee : Damodar Valley Corporation

Consumer Category	From April-21 to March-22 (as per Tariff Order dt. 30.09.2020)	
	Energy Charges	Fixed/Demand Charges
LT Consumers:		
	(Rs/kWh)	(Rs/Conn./Month)
LT (Domestic)	4.25	75
	(Rs/kWh)	(Rs/KW/Month)
LT (Commercial)	4.20	150
HT Consumers:		
	(Rs/kVAh)	(Rs/KVA/Month)
Industries(11 KV)	3.75	350
Industries(33KV)	3.75	350
Industries(132KV)	3.75	350
Industries(220KV)	3.75	350
HT- Institutional Services (Railway Traction Services, other Distribution Licensees)	3.40	350



Revenue from Current Tariffs for FY 2021-22

Form No: T2

Name of Distribution Licensee : Damodar Valley Corporation

Actual Revenue for the period FY 2021-22 as per JSERC order dtd. 30.09.2020

Consumer Category	Name of Tariff Scheme	Consumption slab	No. of consumers	Consumption- Slabwise (MU)	Connected Load (KW)	Energy Charge (PKVh)	Fixed Charges (Rs/KW/Month)	Demand Charges (Total in Rs. Lakhs)	Variable Charges (Total in Rs. Lakhs.)	Rebates/Surcharges (Total in Rs. Lakhs)	Total Billed Amount (Rs.Lakhs)	Existing billing Rate in (Rs./Kwh)
LT (Commercial)	NON TOD	All units	5	38.62	7,451.29	420.00	150.00	21.37	42.15	-	63.52	-
Industries(11KV)	NON TOD	All units	2	0.20	0.60	375.00	350.00	16.01	17.62	-	33.64	16.61
Industries(33KV)	NON TOD	All units	138	4,580.21	832.46	375.00	350.00	32,065.95	1,78,595.50	14,556.48	1,96,004.98	4.28
Licensee-IBVNL (33KV)	NON TOD	All units	4	326.71	62.60	340.00	350.00	2,999.16	11,540.27	-	14,539.43	4.45
Industries(132KV)	NON TOD	All units	7	593.05	154.50	375.00	350.00	5,038.15	22,726.23	956.71	26,807.67	4.52
Licensee- (132KV)	NON TOD	All units	4	652.33	163.00	340.00	350.00	6,590.02	23,047.89	928.15	28,699.76	4.40
Tradiion (132KV)	NON TOD	All units	5	267.16	90.63	340.00	350.00	3,143.78	9,218.04	42.14	12,319.68	4.61
Industries(220KV)	NON TOD	All units	2	1,740.59	290.00	375.00	350.00	12,245.32	66,359.94	5,954.61	72,660.65	4.17
	SUB TOTAL (HT)		162	8,160.26	1,593.79			62,088.40	3,11,515.50	22,538.08	3,51,065.82	4.30
TOTAL LT & HT)			167	8,198.88				62,109.76	3,11,557.65	22,538.08	3,51,129.33	4.28



ANNEXURE-23



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Statement of Audit 2021-22

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AUDIT REPORT OF THE COMPTROLLER AND AUDITOR GENERAL OF INDIA ON THE ACCOUNTS OF DAMODAR VALLEY CORPORATION FOR THE YEAR ENDED 31 MARCH 2022

We have audited the attached Balance Sheet of the Damodar Valley Corporation (Corporation) as at 31 March 2022 and also the Statement of Profit & Loss for the year ended 31 March 2022 under Section 47 of the Damodar Valley Corporation Act, (DVC Act) 1948 and the Damodar Valley Corporation Rules, 1948. The preparation of these financial statements is the responsibility of the Corporation's management. Our responsibility is to express an opinion on these financial statements based on our audit.

We have conducted our audit in accordance with the auditing standards generally accepted in India. These standards require that we plan and perform the audit to obtain reasonable assurance about whether the financial statements are free from material misstatements. An audit includes examining, on a test basis, evidence supporting the amounts and disclosures in the financial statements. An audit also includes assessing the accounting principles used and significant estimates made by management, as well as evaluating the overall presentation of financial statements. We believe that our audit provides a reasonable basis for our opinion.

Based on our audit, we report that:

- i. We have obtained all the information and explanations, which to the best of our knowledge and belief were necessary for the purpose of our Audit;
- ii. The Balance Sheet and Statement of Profit & Loss dealt with by this report have been drawn up in the format approved by the Government of India under Section 47 of the DVC Act, 1948 and, Damodar Valley Corporation Rules, 1948;
- iii. In our opinion, proper books of accounts and other relevant records have been maintained by the Corporation as required under DVC Act, 1948 in so far as it appears from our examination of such books except that;

Balance Sheet

Assets

Current Assets

Cash and Cash Equivalents (Note-20): ₹ 198.75 crore

- 1 (a). This is understated by ₹ 36.28 crore due to non-accountal of energy charges received from the consumers during February 2020 to March 2022 directly through the EBA Bank account of DVC. This has also resulted in overstatement of Trade Receivables by the same amount.
- (b). This balance is overstated by ₹ 49.67 crore due to non-accountal of payments made through LC towards supply of FGD equipment for power plants. In absence of details of invoices/bills and SRINs, its impact on assets and liabilities could not be verified in Audit.
- (c). An amount ₹ 1.25 crore was directly deducted by Punjab National Bank (erstwhile UBI) from Corporation's Cash Credit Account on 15.06.2021 towards annual processing fee for the year 2021-22. DVC stated that the processing charges deducted by Bank was not related to DVC and they had taken up the matter with Bank for reversal of the amount. However, the amount was not reversed (credit back) till approval of the accounts by Board on 10 August 2022. Hence, the above balance is overstated to that extent.

Statement of Profit & Loss

Revenue





Revenue from Operations (Note-23)

Supply of Power: ₹ 21,799.31 crore

2. This includes a sum of ₹ 24.63 crore being the amount booked as "unbilled revenue" against the cost of power purchased from Maithon Power Limited (MPL) during the period from April 2012 to December 2021 (₹ 21.72 crore) and from January to March 2022 (₹ 2.91 crore). The MPL raised the bills during March to May 2022, based on the CERC's tariff order dated 8 January 2022. DVC accounted for the arrear power purchase cost raised by MPL as "expenses" and simultaneously credited to the "Revenue" as unbilled revenue anticipating that the same would be recovered in distribution tariff. The fact is that DVC raises the power supply bills on its customers as per the prevailing tariff notified by the State Regulatory Commissions (SERCs) and recovering of the cost of power purchased in earlier year(s) is subject to truing up tariff order by SERCs, based on the petitions to be filed by DVC.

Hence, recognition of the entire amount as revenue in absence of any tariff order of Regulatory Commissions has resulted in overstatement of revenue from operation leading to overstatement of Profit and Other Current Assets (Unbilled Revenues) by ₹ 24.63 crore each.

Other Income (Note-24)

Delay Payment Surcharge (DPS): ₹ 571.95 crore

3. This includes a sum of ₹ 66.39 crore being the Delayed Payment Surcharge (DPS) bills raised by DVC during January 2021 to June 2021 on 10 Industrial Consumers for the period 2006-2013 based on the tariff order passed (March/June 2020) by WBERC.

Despite enforcement of Electricity Act 2003 (w.e.f. June 2003), DVC did not approach to the CERC/ State Regulatory Commissions to determine its tariff and continued to fix its own tariff as per the provisions of DVC Act, 1948. The authority of DVC to fix the tariff was challenged in different Courts and finally, on the basis of the judgment of Supreme Court of India, the tariff for the period 2006-13 was fixed by WBERC. Consequently, DVC raised the bills on the consumers with DPS against the arrear payments. The above decision of DVC was challenged by the Consumers in High Court of Calcutta wherein, the Court vide order dated 24.01.2022, held that bills were raised for the first time after fixation of final tariff and as such, charging of DPS is illegal and baseless and thus, bills raised by DVC on account of DPS stands cancelled and revoked.

Hence, recognition of DPS despite of revocation order by Court and also in contravention of its own accounting policies (refer para-13.3) that "DPS is recognized when no significant uncertainty as to collectability exists" has resulted in overstatement of the above head leading to overstatement of Profit by ₹ 66.39 crore with corresponding overstatement of Current Assets (Trade Receivable) to the same extent.

Expenses

Cost of power purchase (Note-25)

Purchase of power through Exchange: ₹ 342.19 crore

4. This has been understated by ₹ 23.24 crore due to non-accountal of cost of power purchased from Power Exchange-IEX during the month of August 2021 for which payment was made online through IEX Settlement Account maintained with SBI, Corporate Accounts Branch, Kolkata in the same month.

This has also resulted in overstatement of Profit for the year by ₹ 23.24 crore with corresponding overstatement of Cash and Cash Equivalents to the same extent.





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Operation and Maintenance & General Administrative Charges (Note-29)

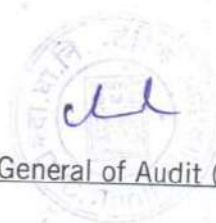
Ash evacuation and Utilisation expenses: ₹ 166.28 crore

5. This is understated by ₹ 20 crore due to non-provision of liability towards damage of crops and agricultural land at Mejia Thermal Power Station (MTPS) on account of breach of Ash Dyke in September 2021. The amount was provisionally assessed at ₹ 36.88 crore as per the order of National Green Tribunal (NGT). Pending final assessment of the claim, DVC deposited ₹ 20 crore with DM, Bankura as interim compensation as per the order (9 May 2022) of NGT. Hence, the liability to the extent of deposit should have been provided for in the accounts.

Non-provision of the above has also resulted in overstatement of Profit by Rs.20 crore.

Notes to Accounts

- 6 (a). Based on the ARR petition filed by DVC, the WBERC passed the tariff order (5 May 2022) for the year 2017-18 to be effective from April 2017 onwards till further tariff order by WBERC. In the said Tariff Order, WBERC allowed certain additional expenditure to DVC. Accordingly, DVC booked ₹ 1767.62 crore as unbilled revenue and ₹ 136.75 crore as Electricity Duty. Subsequently, it raised the bills on consumers which was challenged in the Appellate Tribunal for Electricity (APTEL). The Tribunal vide order dated 21 June 2022 granted stay on the payment of arrears. Since, the revenue booked became disputed, a suitable disclosure in this regard should have been made in the accounts, considering its materiality.
- (b). Trade Receivable (Note-19) includes a sum of ₹ 341.77 crore being the DPS receivable from BSES Yamuna Power Limited (BYPL) which was disputed by BYPL on the ground that DVC calculated the DPS on arrear amount (October 2011 to January 2017) derived at after adjustment of payments towards previous arrear of DPS and then with principal amount. The policy of adjustment of payment against DPS first and then with principal was neither mentioned in PPA executed with BYPL nor any guidelines/instructions was issued by CERC. CERC subsequently notified (22 February 2021) Electricity (LPSC) Rules 2021 wherein, the above policy was enforced from the date of notification. However, DVC has filed petition before CERC (319/MP/2019) for passing a favorable judgment in this regard, which is pending for disposal. The fact should have been disclosed in the accounts.
- iv. The Corporation's Balance Sheet and the Statement of Profit & Loss dealt with by this report are in agreement with the books of accounts;
- v. In our opinion and to the best of our information and according to the explanations given to us, the said accounts, read together with the Accounting Policies and Notes thereon, and subject to our observations mentioned in the Annexure, give a true and fair view:
- a. In so far as it relates to the Balance Sheet, of the state of affairs of the Corporation as at 31st March 2022; and
- b. In so far as it relates to the Statement of Profit & Loss, of the profit/ loss for the year ended on that date.



(Suparna Deb)

Director General of Audit (Mines), Kolkata



Annexure to Audit Report

1. Internal Audit System

The Corporation has an Internal Audit Wing with the objectives of streamlining the functions of its various departments and offices. During 2021-22, the Internal Audit was to be conducted in 240 formations (inclusive of annual, bi-annual and tri-annual) out of 339 formations. The actual audit was conducted in 241 formations along with some special audit. Due to insufficient staff (MIP of 11 against SS of 20), the scope and coverage of audit was limited.

2. Internal Control System

The internal control system needs to be strengthened in the following areas:

- Adjustment of various advances and reconciliation of its balances.
- System of periodical reconciliation of bank transactions with its Cash & Bank Book.
- System of reconciliation of figures with debtors/creditors

3. System of Physical Verification of Fixed Assets

Out of 12 Units (including Corporate office), the physical verification report of fixed assets of two Units (Raghunathpur Thermal Power Station and Mejia Thermal Power Station) for the year 2021-22 were produced to Audit for examination. In respect of other 10 Units, the reports were not furnished to Audit.

4. System of Physical Verification of Inventories

Physical verification of inventories (excluding coal) conducted during the financial year 2021-22 was inadequate. Out of 12 Units, the physical verification report of four Units (Durgapur Steel Thermal Power Station, Chandrapura Thermal Power Station, Durgapur Thermal Power Station and Maithon Project) were provided to Audit for examination.

5. Adequacy of IT System

The Corporation has yet to implement ERP System. However, it has installed and implemented a customized Enterprise Business Application (EBA) covering Plant Maintenance Activity, Purchase & Stores, Finance & Accounts and Fuel Management System at its different units including DVC corporate office.

Director General of Audit (Mines), Kolkata



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Statement of Accounts 2021-22





Balance Sheet as at 31.03.2022

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Particulars	Note	31.03.2022					31.03.2021					(Rs. in Crore)
		POWER	IRRIGATION	FLOOD CONTROL	OTHER ACTIVITIES	TOTAL	POWER	IRRIGATION	FLOOD CONTROL	OTHER ACTIVITIES	TOTAL	
		2	3	4	5	6	7	8	9	10	11	12
I EQUITY AND LIABILITIES												
(1) Government Funds												
(a) Capital	2	5,081.64	95.09	19.47	-	5,196.20	5,081.64	95.09	19.47	-	-	5,196.20
(b) Reserves and Surplus	3	5,665.69	1,059.18	(54.94)	-	6,669.93	5,008.97	788.10	(48.27)	-	-	5,748.80
(2) Non-Current Liabilities												
(a) Long Term Borrowings	4	15,596.07	-	-	81.32	15,677.39	15,722.45	-	-	81.61	-	15,804.06
(b) Deferred Tax Liabilities (Net)	5	-	-	-	-	-	-	-	-	-	-	-
(c) Other Long Term Liabilities	6	1,466.54	15.41	0.60	0.01	1,482.56	1,092.10	15.37	0.60	0.01	-	1,108.08
(d) Long Term Provisions	7	4.80	-	-	680.69	685.49	5.30	-	-	87.59	-	92.89
(3) Current Liabilities												
(a) Short Term Borrowings	8	9,603.28	-	-	-	9,603.28	6,212.62	-	-	-	-	6,212.62
(b) Trade Payables	9	1,421.33	0.03	-	7.47	1,428.83	4,209.62	0.03	-	13.54	-	4,223.19
(c) Other Current Liabilities	10	3,992.08	1.39	0.41	1,051.55	5,045.43	3,799.82	0.14	0.36	730.12	-	4,530.44
(d) Short Term Provisions	11	867.35	-	-	125.98	993.33	42.99	-	-	27.60	-	70.59
TOTAL						46,782.44						42,986.87

**Balance Sheet as at 31.03.2022**

(Rs. in Crore)

Particulars	Note	31.03.2022					31.03.2021				
		POWER	IRRIGATION	FLOOD CONTROL	OTHER ACTIVITIES	TOTAL	POWER	IRRIGATION	FLOOD CONTROL	OTHER ACTIVITIES	TOTAL
		2	3	4	5	6	7	8	9	10	11
II ASSETS											
(1) Non-Current Assets											
(a) Fixed Assets											
(i) Tangible Assets	12	18,539.96	3,646.84	400.27	-	22,587.07	20,672.42	3,647.13	400.73	-	24,720.28
(ii) Intangible Assets	12	-	-	-	0.06	0.06	2.80	-	-	8.07	10.87
(iii) Capital Work- in- Progress	13	4,419.00	32.09	48.70	-	4,499.79	2,541.15	31.31	47.46	-	2,619.92
(iv) Intangible Assets under Development	13	-	-	-	-	-	-	-	-	-	-
(b) Non Current Investments	14	557.23	-	-	-	557.23	557.23	-	-	-	557.23
(c) Long Term Loans and Advances	15	688.61	-	-	5.71	694.32	723.60	-	-	5.74	729.34
(d) Other Non Current Assetsw	16	-	-	-	-	-	-	-	-	-	-





Balance Sheet as at 31.03.2022

Particulars	Note	31.03.2022					31.03.2021				
		POWER	IRRIGATION	FLOOD CONTROL	OTHER ACTIVITIES	TOTAL	POWER	IRRIGATION	FLOOD CONTROL	OTHER ACTIVITIES	TOTAL
		2	3	4	5	6	7	8	9	10	11
(2) Current Assets											
(a) Current Investments	17	8.35	-	-	-	8.35	4.48	-	-	-	4.48
(b) Inventories	18	1,484.56	-	-	-	1,484.56	1,685.22	-	-	-	1,685.22
(c) Trade Receivables	19	7,699.90	81.64	-	-	7,781.54	7,506.88	100.10	-	-	7,606.98
(d) Cash and Cash Equivalents	20	42.28	-	-	156.47	198.75	25.77	-	-	-	110.90
(e) Short Term Loans and Advances	21	451.36	-	-	82.58	533.94	512.42	-	-	85.13	592.37
(f) Other Current Assets	22	8,378.21	14.37	-	44.25	8,436.83	4,302.19	9.95	-	37.14	4,349.28
TOTAL						46,782.44					42,986.87

Significant Accounting Policies - 1

(Rs. in Crore.)

Significant Accounting Policies - 1

Arup Sarkar
Arup Sarkar
Member (Finance)

R. N. Singh
R. N. Singh
Chairman



Statement of Profit & Loss for the year ended 31.03.2022

Particulars	Note	31.03.2022				31.03.2021			
		POWER	IRRIGATION	FLOOD CONTROL	TOTAL	POWER	IRRIGATION	FLOOD CONTROL	TOTAL
1	2	3	4	5	6	7	8	9	10
I Revenue:									
Revenue from Operations	23	21,799.31	305.91	-	22,105.22	17,197.34	253.74	-	17,451.08
II Other Income	24	979.25	10.98	1.44	991.67	1,355.48	0.09	0.09	1,355.66
III Total Revenue (I + II)		22,778.56	316.89	1.44	23,096.89	18,552.82	253.83	0.09	18,806.74
IV Expenses:									
Cost of Power Purchased	25	1,353.07	-	-	1,353.07	814.59	-	-	814.59
Cost of Fuel	26	11,169.89	-	-	11,169.89	9,733.61	-	-	9,733.61
Employee Benefit Expenses	27	2,427.45	5.04	3.18	2,435.67	1,331.20	5.35	3.87	1,340.42
Finance Costs	28	2,340.89	1.44	0.60	2,342.93	2,517.47	1.42	0.60	2,519.49
Depreciation and Amortization Expense		2,697.19	0.38	0.32	2,697.89	2,673.76	0.54	0.56	2,674.86
Operation & Maintenance and General Administration Charges	29	1,635.75	40.39	4.41	1,680.55	1,391.95	25.78	4.24	1,421.97
Prior Period Items (Net)		-	-	-	-	(0.16)	-	-	(0.16)
Total Expenses		21,624.24	47.25	8.51	21,680.00	18,462.42	33.09	9.27	18,504.78



Statement of Profit & Loss for the year ended 31.03.2022

Particulars	Note	31.03.2022				31.03.2021			
		POWER	IRRIGATION	FLOOD CONTROL	TOTAL	POWER	IRRIGATION	FLOOD CONTROL	TOTAL
1	2	3	4	5	6	7	8	9	10
V Profit/ (Loss) Before Exceptional and Extraordinary Items and Tax (III - IV)		1,154.32	269.64	(7.07)	1,416.89	90.40	220.74	(9.18)	301.96
VI Exceptional Items		782.00	-	-	782.00	-	-	-	-
VII Profit / (Loss) Before Extraordinary Items and Tax (V - VI)		372.32	269.64	(7.07)	634.89	90.40	220.74	(9.18)	301.96
VIII Extraordinary Items		-	-	-	-	-	-	-	-
IX Profit / (Loss) Before Tax (VII - VIII)		372.32	269.64	(7.07)	634.89	90.40	220.74	(9.18)	301.96
X Tax Expense:									
(1) Current Tax		-	-	-	-	-	-	-	-
(2) Deferred Tax		-	-	-	-	-	-	-	-
XI Profit (Loss) for the Period from Continuing Operations (IX - X)		372.32	269.64	(7.07)	634.89	90.40	220.74	(9.18)	301.96



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Statement of Profit & Loss for the year ended 31.03.2022

Particulars		Note	31.03.2022				31.03.2021			
			POWER	IRRIGATION	FLOOD CONTROL	TOTAL	POWER	IRRIGATION	FLOOD CONTROL	TOTAL
			3	4	5	6	7	8	9	10
XII	Profit /(Loss) from Discontinuing Operations									
XIII	Tax Expense of Discontinuing Operations									
XIV	Profit /(Loss) from Discontinuing Operations (After Tax) (XII - XIII)		-	-	-	-	-	-	-	-
XV	Profit (Loss) for the Period (XI + XIV)		372.32	269.64	(7.07)	634.89	90.40	220.74	(9.18)	301.96
XVI	Sinking Fund and Debenture Redemption Reserve Fund		308.82	-	-	308.82	90.40	-	-	90.40
XVII	General Reserve		34.92	-	-	34.92	-	-	-	-
XVIII	Capital Reserve		-	-	-	-	-	-	-	-
XIX	Sub Total (XVI + XVII + XVIII)		343.74	-	-	343.74	90.40	-	-	90.40





Statement of Profit & Loss for the year ended 31.03.2022

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Particulars	Note	31.03.2022				31.03.2021			
		POWER	IRRIGATION	FLOOD CONTROL	TOTAL	POWER	IRRIGATION	FLOOD CONTROL	TOTAL
1	2	3	4	5	6	7	8	9	10
XX Allocation to Central Government		9.53	-	-	9.53	-	-	-	-
XXI Allocation to West Bengal Government		9.53	268.86	(7.07)	271.32	-	220.10	(9.18)	210.92
XXII Allocation to Bihar Government		9.53	0.78	-	10.31	-	0.64	-	0.64
XXIII Sub Total (XX + XXI + XXII)		28.59	269.64	(7.07)	291.16	-	220.74	(9.18)	211.56
XXIV Total (XIX + XXIII)		372.32	269.64	(7.07)	634.89	90.40	220.74	(9.18)	301.96

Arup Sarkar
 Arup Sarkar
 Member (Finance)

R. N. Singh
 R. N. Singh
 Chairman





Cash Flow Statement for the year ended 31.03.2022

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(Rs. in Crore)

	31.03.2022	31.03.2021
A. Cash Flow from Operating Activities		
Net Profit before tax, adjustments and extra ordinary items	634.89	301.96
Adjustments for :		
Depreciation / Amortisation	2,697.89	2,674.86
Interest and Other Finance Charges	2,342.93	2,519.49
Interest Income	(3.78)	(15.27)
Income from Dividend	(19.90)	(110.11)
Profit on sale of Fixed assets	(34.22)	(1.25)
Operating Profit before Working Capital Changes	4,982.92	5,067.72
Adjustments for : (Increase) / Decrease in Current Assets	5,617.81	5,369.68
Trade and Other Receivables	(32.18)	388.81
Inventories	205.02	435.53
Loans and Advances	(275.89)	691.89
Other Current Assets	(3,936.08)	(433.01)
Adjustments for : Increase /(Decrease) in Current Liabilities	(4,039.13)	1,083.22
Trade Payable	(2,598.73)	966.24
Short term Provisions	927.97	(42.41)
Long term Provisions	592.60	-
Other Current Liabilities	485.09	321.29
Cash generated from operations	(593.07)	1,245.12
Direct Taxes	985.61	7,698.02
Interest on Income Tax Refund	(50.58)	(0.35)
Net Cash from Operating Activity - A	(0.40)	(12.33)
B. Cash Flow from Investing Activities	1,036.59	7,710.70
Purchase of Fixed Assets	(2,198.43)	(902.39)
Sale of Fixed Assets	44.39	1.71






Cash Flow Statement for the year ended 31.03.2022

	31.03.2022		31.03.2021	
			(Rs. in Crore)	
Purchase of investments	(4.94)		(1.02)	
Sale of investments	1.08		0.94	
Interest Received	3.38		2.94	
Dividend Received	19.90		110.11	
Net cash used in Investing Activities - B		(2,134.62)		(787.71)
C. Cash Flow from Financing Activities				
Drawal of Long Term Loan	910.53		204.64	
Repayment of Long Term Loan	(937.15)		(1,537.34)	
Increase (Decrease) in Short Term Loan and Cash credit	3,390.66		(3,068.05)	
Interest Paid & Other Finance Charges	(2,178.16)		(2,498.49)	
Net Cash flow from Financing Activities - C		1,185.88		(6,899.24)
Net increase / (decrease) in cash and cash equivalents (A + B + C)		87.85		23.75
Cash and cash equivalents at the beginning of the period [Note (a) below]		110.90		87.15
Cash and cash equivalents at the end of the period [Note (a) below]		198.75		110.90
Note:-				
a) Cash and cash equivalents included in Cash Flow Statement is same as per Note-20		198.75		110.90
Bank Deposits with more than three months Maturity		Nil		Nil
Total		198.75		110.90

b) The above balance does not include any amount which is not available for use

c) Previous Year figure has been re-arranged/re-grouped wherever considered necessary


Arup Sarkar
Member (Finance)


R. N. Singh
Chairman



Notes to the financial statements for the year ended 31st March 2022**1. Significant Accounting Policies****1. Method of Accounting**

The financial statements are prepared on accrual basis of accounting under historical cost convention in accordance with generally accepted accounting principle in India except revaluation of fixed assets and the relevant provision of the DVC Act, 1948.

2. Use of Estimates

The preparation of financial statement requires estimates & assumptions that affect the reported amount of assets, liabilities, revenue & expenses during the reporting period. Although such estimates & assumptions are made on a reasonable and prudent basis taking into account all available information, actual results could differ from these estimates & assumptions and such differences are recognized in the period in which the results are crystallised.

3. General Reserve

On the basis of approval of the Comptroller and Auditor General the power surplus is apportioned as follows:-

- a) Allotment to Sinking Fund as a first charge
- b) General Reserve- 55% after adjustment of (a) above.
- c) Participating Governments as divisible surplus 45% after adjustment of (a) above.

4. Sinking Fund**4.1 Bond issued up to 31st March, 2012**

Sinking fund is created for redemption of bonds, with the proportionate annuity contribution every year. The corporation pays interest @ 7% p.a. on the balance amount of the fund as the amount is utilized by the corporation.

4.2 Bonds issued from 1st April, 2012

Sinking Fund is created for redemption of bonds, with the proportionate annuity contribution every year. The amount will be kept in a separate fund account to be managed and governed through Escrow Mechanism. Interest on investment on such fund will be credited to the Sinking Fund Account on annual basis.

After the repayment of the bond on maturity an equivalent amount will be transferred to General Reserve in both the cases.

5. Fixed Assets

- 5.1 Fixed assets are shown at Historical cost of acquisition.
- 5.2 Where fixed assets have been revalued, the assets are shown at revalued cost.


Annual Financial Statement 2021-22



Notes to the financial statements for the year ended 31st March 2022

1. Significant Accounting Policies

- 5.3 Capital expenditure on assets are booked in Capital work in progress till the period of completion or put to use and thereafter in fixed assets.
- 5.4 Assets and systems common to more than one generating units are capitalized on the basis of engineering assessment.
- 5.5 Deposits, payments/liabilities made provisionally towards compensation, rehabilitation and other expenses relatable to land in possession are treated as cost of land.

6. Construction Work- in- Progress

- 6.1 Projects under commissioning and other capital work-in-progress are carried at cost.
- 6.2 In respect of projects under construction, incidental and attributable expenses (net of income) including interest & depreciation on fixed assets in use during construction are carried as part of incidental expenditure during Construction to be allocated on major immovable Project Assets other than Land on a rational basis, on commissioning of the Project.
- 6.3 Expenditure in relation to Survey and Investigation of the Projects is carried as capital work in progress. Such expenditure is capitalized as cost of the project. The expenditure incurred on start-up and commissioning of the project, including the expenditure incurred on test runs and experimental production is usually capitalized as an indirect element of the construction cost.
- 6.4 In respect of supply-cum-erection contracts, the value of supplies received at site and accepted is treated as capital work-in-progress.
- 6.5 Administration and general overhead expenses attributable to construction of fixed assets incurred till they are ready for their intended use are identified and allocated on a systematic basis to the cost of related assets.
- 6.6 Deposit works/cost plus contracts are accounted for on the basis of statements of account received from the contractors.
- 6.7 Power consumed by the Construction Projects are charged at cost.

7. Intangible Assets

Intangible assets are recognized only if it is probable that future economic benefits that are attributable to the assets will flow to the Corporation and the cost of the assets can be measured reliably and such assets are shown at cost.

8. Investments

- 8.1 Long term investments are carried at cost. When there is decline, other than temporary, in the cost of a long term investment, the carrying amount is reduced to recognised the decline.



Notes to the financial statements for the year ended 31st March 2022

1. Significant Accounting Policies

9. Inventories

- 9.1 Inventories other than coal and oil are valued at lower of weighted average cost or net realisable value.
- 9.2 Inventories of coal and oil are valued at weighted average cost basis including freight.

10. Grant- in- Aid

- 10.1 Grants from Government and other agencies towards revenue expenditure are recognized over the period in which the related costs are incurred and are deducted from the related expenses.
- 10.2 Grants related to procurement of capital assets are shown as a deduction from the gross value of assets concerned in the book value of assets.

11. Borrowing Cost

- 11.1 Interest payment on loan is charged to Statement of Profit & Loss on accrual basis.
- 11.2 In respect of project specific loan, payment of interest charges before commissioning of the Projects is capitalized and interest paid after Date of Commissioning is charged to Statement of Profit & Loss.

12. Foreign Currency

Foreign Currency Transactions are initially recorded at the Exchange Rate ruling on the date of transaction. Foreign currency loans are reported with reference to the exchange rates ruling at the year end and the difference resulting in such transaction as well as due to payment/discharge of liabilities in foreign currency related to Fixed Assets/Work-in-Progress is adjusted in their carrying cost and that related to Current Assets is recognized as Revenue/Expenditure during the year.

13. Revenue Recognition

- 13.1 Sale of power is accounted for based on tariff rates approved by the Central Electricity Regulatory Commission (CERC) as modified by the orders of Appellate Tribunal for Electricity to the extent applicable. In case of power stations where the tariff rates are yet to be approved, provisional rates are adopted.
- 13.2 Revenue from water charges and other charges are accounted for on the basis of billing to consumers and includes unbilled revenue accrued up to the end of the accounting year.





Notes to the financial statements for the year ended 31st March 2022

1. Significant Accounting Policies

- 13.3 The surcharge on late payment/ overdue sundry debtors for sale of energy is recognized when no significant uncertainty as to measurability or collectability exists.
- 13.4 Interest income is recognised on accrual basis.
- 13.5 Power generated by the new projects before commissioning are charged at weighted average sale price prevailing at the time of generation and adjusted against the project cost
- 13.6 Scrap other than steel scrap is accounted for as and when sold.
- 13.7 Insurance claims for loss of profit are accounted for in the year of acceptance. Other insurance claims are accounted for based on certainty of realization.

14. Expenditure

- 14.1 Depreciation is charged on straight line method with 10 % residual value as approved by the GOI Gazette Notification No. S.O.No.266E dated 29th March 1994 & S.O.265E dated 27th March 1994 on the historical cost of the assets.
- 14.2 Depreciation on revalued assets provided based on straight line method on the values and at the rates given by the valuer. The difference between depreciation provided based on revalued amount and that on historical cost is charged to the Revaluation Reserve Account.
- 14.3 Depreciation on fixed assets is charged in the revenue account on pro-rate basis from/up to the month in which the assets is available for use/ disposal/discarded/demolished. However, discloser in the Accounts of the Corporation will be made, if the net surplus or deficiency of any depreciable assets disposed off discarded, demolished or destroyed, is material
- 14.4 Depreciation on assets purchased during the year costing less than Rs.5000/- shall be fully depreciated during the year with Re.1/- as a balance value.
- 14.5 Miscellaneous expenditure having medium term benefit for sustenance of operations are amortised over a period of five years.
- 14.6 Lump sum compensation paid, on compassionate ground in lieu of employment are amortised over a period of five years.
- 14.7 Cost of software recognized as intangible asset, is amortised over a period of legal right to use or 3 years which ever is less.
- 14.8 In case of existing projects commissioned earlier, carpet coal is charged off coal consumption. In case of new projects under construction carpet coal is retained in inventories and capitalised in the first year of commercial operation.

15. Employee Benefits

15.1 Defined contribution plan:



**Notes to the financial statements for the year ended 31st March 2022****1. Significant Accounting Policies**

Provident Fund: Corporation's contributions paid/payable during the year to provident fund is recognized in the statement of Profit & Loss. The fund is invested in Government Securities and managed by the Corporation. Corporation has an obligation to pay a minimum rate of return to the members as specified by GOI.

New Pension Scheme: Corporation is required to contribute towards payment of pension in respect of employee who have joined on after 1st January 2004. Monthly contribution are deposited to Pension Fund Regulatory & Development Authority (PFRDA).

- 15.2 **Defined benefit plan:** Corporation's liability towards pension & gratuity are determined by the independent actuaries at the year end. Liability of gratuity as per actuarial valuation is paid to a fund administered through a separate Trust. On superannuation, Corporation makes payment to employees in respect of pension, gratuity are booked as recoverable. DVC Pension & Gratuity Trust reimburses the amount subsequently.
- 15.3 **Short term employee benefits:** Leave Travel Assistance, Re-imbursement of medical expenses and post retirement medical facilities are recognized as an expense at the undiscounted amount in the statement of Profit & Loss in the year in which they are paid.

16. Diverted In/ Out Wagons

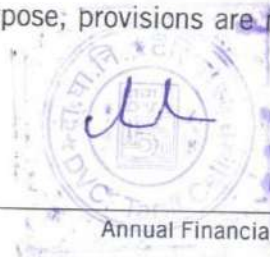
- 16.1 For Diverted-out/Missing wagons 'Railway Claim Account' will be debited with the cost of coal and freight attributable to the wagons. In case missing wagons are received subsequently, Railway Claim Account shall be credited. Missing wagons for a period of more than three years will be provided for.
- 16.2 For Diverted-in wagons, the credit will be given to Railway Claim Account with the amount of coal cost & freight attributable to these wagons and no payment will be made.

17. Impairment

- 17.1 The carrying amount of cash generating units is reviewed at each balance sheet date where is any indication of impairment based on internal/external indicators. An impairment loss is recognized in the statement of Profit & Loss where the carrying amount exceeds the recoverable amount and such loss either no longer exists or has decreased.

18. Provisions and Contingent Liabilities

- 18.1 A provision is recognized when the company has a present obligation as a result of a past event and it is probable that an outflow of resources will be required to settle the obligation and in respect of which a reliable estimate can be made. Provisions are determined based on management estimate required to settle the obligation at the balance sheet date and are not discounted to present value. Contingent Liabilities are disclosed on the basis of judgment of the management/independent experts. These are reviewed at each Balance Sheet date and are adjusted to reflect the current management estimate.
- 18.2 Provision is made for other doubtful debts on case to case basis. Debt declared as bad will be written off subject to approval of appropriate authority.
- 18.3 In case of dues for supply of water for industrial & domestic purpose, provisions are made for dues outstanding for more than three years.





2. Capital

As at	31.03.2022				31.03.2021				(Rs. in Crore)
Particulars	Power	Irrigation	Flood Control	Total	Power	Irrigation	Flood Control	Total	
Central Govt.									
Opening Balance	1,813.67	-	7.00	1,820.67	1,813.67	-	7.00	1,820.67	
Add Transfer From Revenue A/c				-				-	
Sub Total	1,813.67	-	7.00	1,820.67	1,813.67	-	7.00	1,820.67	
West Bengal Govt.									
Opening Balance	1,486.69	94.82	12.47	1,593.98	1,486.69	94.82	12.47	1,593.98	
Add Transfer From Revenue A/c / Adjutment during the year	-	-	-	-	-	-	-	-	
Sub Total	1,486.69	94.82	12.47	1,593.98	1,486.69	94.82	12.47	1,593.98	
Bihar Govt.									
Opening Balance	1,781.28	0.27	-	1,781.55	1,781.28	0.27	-	1,781.55	
Add Transfer From Revenue A/c				-				-	
Sub Total	1,781.28	0.27	-	1,781.55	1,781.28	0.27	-	1,781.55	
Total	5,081.64	95.09	19.47	5,196.20	5,081.64	95.09	19.47	5,196.20	





2. Capital

Notes

1. As per DVC Act 1948 (DVC Act), Capital requirement of the Damodar Valley Corporation (Corporation) is to be provided by the participating member Governments. The Capital provided upto 1968-69 amounted to Rs. 214.72 Crores. Thereafter, no capital was provided by the participating member Governments by way of direct contribution, but capital growth has been taken place by plough back of share of profit of these Governments with credit to their respective Capital Account.
2. With the amendment of DVC Act, 1948 by Parliament in 2011, as published in Gazette of India on 9th January 2012, DVC Board has been restructured and will be represented by ten members consisting of Chairman, Member (Technical), Member (Finance), Member (Secretary), one representative each from Central Govt., West Bengal and Jharkhand Government and three independent experts from the field of Irrigation, water supply and generation or transmission or distribution of electricity.
3. DVC Board approve the transfer of plough back profit and retained interest to the respective Capital Accounts of the three Governments. The Annual Reports are also sent for approval of the respective State and Central Legislature through the respective Participating Member Governments.
4. Corporation has sought for necessary decision in terms of the Bihar Re-organisation Act, from Government of India for reallocation of capital account of the erstwhile Bihar Government, which is still awaited.





3. Reserves & Surplus

(Rs. in Crore)

As at	31.03.2022				31.03.2021			
Particulars	Power	Irrigation	Flood Control	Total	Power	Irrigation	Flood Control	Total
Reserves								
Capital Reserve								
Sub Total	-	-	-	-	-	-	-	-
Revaluation Reserve								
As per Last Balance Sheet	5,127.31	-	-	5,127.31	5,127.31	-	-	5,127.31
Less: Transfer to Depreciation Reserve during the Year				-				-
Sub Total	5,127.31	-	-	5,127.31	5,127.31	-	-	5,127.31
Sinking Fund Reserve								
As per Last Balance Sheet	3,501.91	-	-	3,501.91	2,984.18	-	-	2,984.18
Add: Interest Credited	245.13	-	-	245.13	208.89	-	-	208.89
Add: Transfer from Surplus	308.82	-	-	308.82	90.40	-	-	90.40
Add: Transfer from General Reserve	-	-	-	-	218.44	-	-	218.44
Sub Total	4,055.86	-	-	4,055.86	3,501.91	-	-	3,501.91





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3. Reserves & Surplus

(Rs. in Crore)

As at Particulars	31.03.2022				31.03.2021			
	Power	Irrigation	Flood Control	Total	Power	Irrigation	Flood Control	Total
Ash Utilization Reserve								
As per Last Balance Sheet:	88.41	-	-	88.41	60.03	-	-	60.03
Add: Addition During The Year:	41.40	-	-	41.40	28.39	-	-	28.39
Less: Utilization During the Year	9.33	-	-	9.33	0.01	-	-	0.01
Sub Total	120.48	-	-	120.48	88.41	-	-	88.41
General Reserve								
As per Last Balance Sheet	2,938.00	-	-	2,938.00	3,156.44	-	-	3,156.44
Add: Transfer from Surplus	34.92	-	-	34.92	-	-	-	-
Less: Transfer to Sinking Fund	-	-	-	-	218.44	-	-	218.44
Sub Total	2,972.92	-	-	2,972.92	2,938.00	-	-	2,938.00
Surplus (Govt. Current Capital Account)								
As per Last Balance Sheet:								
Central Govt.	(2,346.86)	-	-	(2,346.86)	(2,349.32)	-	-	(2,349.32)
West Bengal Govt.	(1,933.67)	786.58	(48.27)	(1,195.36)	(1,936.15)	565.05	(39.48)	(1,410.58)
Bihar Govt.	(2,366.13)	1.52	0.01	(2,364.60)	(2,368.38)	0.87	0.01	(2,367.50)
Sub Total	(6,646.66)	788.10	(48.26)	(5,906.82)	(6,653.85)	565.92	(39.47)	(6,127.40)





3. Reserves & Surplus

(Rs. in Crore)

As at	31.03.2022				31.03.2021			
Particulars	Power	Irrigation	Flood Control	Total	Power	Irrigation	Flood Control	Total
Adjustment during the Year								
Central Govt.	2.46	-	-	2.46	2.46	-	-	2.46
West Bengal Govt.	2.48	1.43	0.39	4.30	2.48	1.43	0.39	4.30
Bihar Govt.	2.25	0.01	-	2.26	2.25	0.01	-	2.26
Sub Total	7.19	1.44	0.39	9.02	7.19	1.44	0.39	9.02
Appropriation of Net Profit/ Loss (as per Statement of Profit & Loss) for the year								
Central Govt.	9.53	-	-	9.53	-	-	-	-
West Bengal Govt.	9.53	268.86	(7.07)	271.32	-	220.10	(9.18)	210.92
Bihar Govt.	9.53	0.78	-	10.31	-	0.64	-	0.64
Sub Total	28.59	269.64	(7.07)	291.16	-	220.74	(9.18)	211.56
Closing Balance								
Central Govt.	(2,334.87)	-	-	(2,334.87)	(2,346.86)	-	-	(2,346.86)
West Bengal Govt.	(1,921.66)	1,056.87	(54.95)	(919.74)	(1,933.67)	786.58	(48.27)	(1,195.36)
Bihar Govt.	(2,354.35)	2.31	0.01	(2,352.03)	(2,366.13)	1.52	0.01	(2,364.60)
Sub Total	(6,610.88)	1,059.18	(54.94)	(5,606.64)	(6,646.66)	788.10	(48.26)	(5,906.82)
Total	5,665.69	1,059.18	(54.94)	6,669.93	5,008.97	788.10	(48.27)	5,748.80



3. Reserves & Surplus

1. Appropriation of Profit/ Adjustment of Loss

1.1 As prescribed by C&AG in terms of provisions of Section 40 of the DVC Act, Sinking Fund has a first charge towards available profit of Power for the year. 55% of the Power Surplus available after appropriation towards sinking fund is transferred to General Reserve. Balance 45% is considered as distributable surplus divided equally among the three participating Governments viz- Central Government, West Bengal Government and Bihar Government. In case of deficit on power the same is divided equally among the participating Governments for reimbursement /adjustment in terms of Sec 37(2) of the DVC Act.

1.2 In case of Government of India, 1/3 share of available surplus in power business after appropriation of Sinking Fund and General Reserve, if any, Interest on Capital are considered as ploughed back fund and transferred to the respective Capital Account in the following year with approval of the Corporation. As per DVC Act, net deficit on power shall be made good by the government concerned in proportion to their respective shares in total capital cost attributed to the power object. However, in absence of any fund contributed by the participating Govts. the net revenue deficit on power object is adjusted from share of their dues credited to the participating Govts. either in the same accounting year and / or in future years. In the event of receipt of revenue deficit fund from participating Govts. in subsequent years, the same will be ploughed back in the respective Capital Account of the Govts.

1.3 In case of Government of West Bengal, share of surplus/deficit on irrigation object, entire deficit on flood control object is adjusted against interest on capital and balance if any is adjusted against Share of Power Surplus/ Deficit. The Net balance available thereafter is considered as Ploughed Back Fund and transferred to the respective Capital Account in the following year with approval of the Corporation. The net deficit on power shall be made good by the government concerned in proportion to their respective shares in total capital cost attributed to the power object.

1.4. In case of Government of Bihar, share of surplus/deficit on irrigation object is adjusted against interest accrued on capital provided by them. Balance Interest amount available after adjustment of above along with 1/3 share of distributable power surplus taken together is considered as ploughed back fund in respect of Government of Bihar and transferred to the respective Capital Account in the following year with approval of the Corporation. The net deficit on power shall be made good by the government concerned in proportion to their respective shares in total capital cost attributed to the power object.

2. Sinking Fund & Debenture Redemption Reserve

Opening Balance as on 1st April, 2021 was Rs.3,501.91 crore (previous year Rs. 2,984.18 crore) During the year an amount of Rs. 245.13 crore (previous year Rs.208.89 crore) was credited on account of interest @ 7% p.a. During the year an amount of Rs. 308.82 crore (previous year Rs. 308.84 crore), has been contributed from P&L account to Sinking Fund Account. The fund is fully utilised by the Corporation instead of depositing the same in separate fund account to be managed and governed through Escrow Mechanism.

3. Ash Utilization Reserve

The balance of Ash Utilization Reserve of Rs.120.48 crore (Previous Year Rs. 88.41 crore) as on 31-03-2022 is on account of unspent balance of sale proceeds from Dry fly ash. Utilization for Rs.9.33 crore was made during the year.





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4. Long Term Borrowings

(Rs. in Crore)

As at	31.03.2022							31.03.2021						
Particulars	Power	Irrigation	Flood Control	Subsidiary Activities	Multipurpose Dams	Over head Activities	Total	Power	Irrigation	Flood Control	Subsidiary Activities	Multipurpose Dams	Over head Activities	Total
Long term Borrowings														
Bond														
Secured Bond														
9.30% Gol Guaranteed Secured redeemable non-convertible non-cumulative taxable bonds in the nature of debenture (Series-14A and 14B) of Rs 10,00,000/- each aggregating to Rs 4400 Cr. (private placement basis). Redeemable 30% on 30th March 2025, 30% on 30th March 2026 and 40% on 30th March 2027.	4400	-	-	-	-	-	4400	4400	-	-	-	-	-	4400
Unsecured Bond														
8.69% Gol Guaranteed Unsecured redeemable non-convertible non-cumulative taxable bonds in the nature of debenture (Series-15) of Rs 10,00,000/- each for Cash at Par aggregating to Rs. 2600 Cr. (private placement basis). Redeemable 30% on 30th March 2026, 30% on 30th March 2027 and 40% on 30th March 2028.	2600	-	-	-	-	-	2600	2600	-	-	-	-	-	2600



4. Long Term Borrowings

(Rs. in Crore)

As at	31.03.2022							31.03.2021						
Particulars	Power	Irrigation	Flood Control	Subsidiary Activities	Multipurpose Dams	Over head Activities	Total	Power	Irrigation	Flood Control	Subsidiary Activities	Multipurpose Dams	Over head Activities	Total
Term Loans from Banks (Rupee Loan)														
Secured	4,599.68	-	-	-	-	-	4,599.68	1,693.63	-	-	-	-	-	1,693.63
Term Loans from Financial Institutions														
Secured	4,993.80	-	-	-	-	-	4,993.80	7,926.18	-	-	-	-	-	7,926.18
Loan from GOI														
Unsecured	-	-	-	1.46	80.15	-	81.61	-	-	-	1.75	80.15	-	81.90
Total Long Term Borrowings	16,593.48	-	-	1.46	80.15	-	16,675.09	16,619.81	-	-	1.75	80.15	-	16,701.71
Less : Current Maturity of Long term Loan - taken in Note 10	997.41			0.29			997.70	897.36			0.29			897.65
Net Long Term Borrowing - (Non Current)	15,596.07	-	-	1.17	80.15	-	15,677.39	15,722.45	-	-	1.46	80.15	-	15,804.06





4. Long term Borrowings

(Rs. in Crore)

As at	As at 31.03.2022		As at 31.03.2021	
	Non Current	Current	Non Current	Current
A. Details of Secured Loan (Long term)				
Bonds				
1) 9.30% GoI Guaranteed Bonds (Series 14A & 14B) secured non cumulative non convertible redeemable taxable Bonds of Rs 10,00,000/- each redeemable at par in March'2025 (30%), March 2026 (30%) and March 2027 (40%) (Private Placement). The Bonds are secured by way of hypothecation of Fixed Assets of the Thermal Power Projects (excluding land) of the Corporation namely MTPS (Unit no 5&6), CTPS (Unit no 7&8), KTPS (Unit no 1&2) and DSTPS (Unit no 1&2), ranking Pari Passu among the lenders.	4,400.00		4,400.00	
Term Loans from Banks/ FI's				
2) Project Loan for Raghunathpur Thermal Power Station, Phase-I (Unit no 1&2), Secured by way of Hypothecation of present and future fixed and movable assets of Raghunathpur TPS Phase-I, (Unit no 1&2) as first charge, ranking pari Passu among the lenders (PFC and West Bengal Infrastructure Development Finance Corporation Ltd - PFC Loan has been substituted by Loan from Bank of Baroda).	1,041.14	278.53	1,319.67	278.53
3) Additional term loan from WBIDFCL for construction of Railway Track, Water System, Township etc. for Raghunathpur Thermal Power Station. Secured by pari-passu charge on plant & machinery, machinery spares, tool & accessories and other assets of RTPS.	337.50	50.00	387.50	50.00
4) Project Loan from PFC for Durgapur Steel TPS (Unit no 1&2), Secured by way of Hypothecation of present and future Fixed and movable Assets of DSTPS (Unit no 1&2). (PFC loan has been refinanced by loan from Bank of India).	-	-	1,749.31	155.49
5) Project Loan from PFC for Durgapur Steel TPS (Unit no 1&2), Secured by way of Hypothecation of present and future Fixed and movable Assets of DSTPS (Unit no 1&2). (PFC loan has been refinanced by loan from Bank of India). (Refinancing of PFC loan).	1,593.81	155.49	-	-



4. Long term Borrowings

(Rs. in Crore)

As at	As at 31.03.2022		As at 31.03.2021	
	Non Current	Current	Non Current	Current
6) Project Loan for T&D Projects of DVC secured by way of hypothecation of present and future fixed and movable assets of T&D Projects of DVC. Sole lender is REC. REC loan has been refinanced by Punjab and Sind Bank.			526.64	52.66
7) Project Loan for T&D Projects of DVC secured by way of hypothecation of present and future fixed and movable assets of T&D Projects of DVC. Sole lender is REC. REC loan has been refinanced by Punjab and Sind Bank. (Refinancing of REC loan).	434.48	52.66		
8) Additional Term Loan for MTPS for construction of Railway Track, Ash Pond and Other Construction works (Consortium of Banks). Secured by a charge on those assets of MTPS.	-		-	3.20
9) Project Loan for BTPS A taken from REC, Secured by way of Hypothecation of present and future fixed and movable Assets of BTPS A as first charge.	1,907.22	155.69	2,062.91	155.69
10) Project Loan from PFC for KTPS, secured by way of hypothecation of present and future assets of KTPS	1,277.96	113.60	1,391.55	113.60
11) Project Loan from PFC for KTPS for financing the enhanced project cost, secured by way of hypothecation of present and future assets of KTPS.	992.05	88.18	1,080.23	88.18
12) Syndicated Loan for FGD Plants at 500 MW & above power plants - viz. MTPS 7-8, KTPS, DSTPS, RTPS & BTPS - A, taken by hypothecation of FGD plants & pari-passu charge on the assets of the plants.	945.00	103.25	204.64	-
13) Term Loan for Tubed Coal Block from Bank of India - secured by assignment of coal mining rights, first pari-passu charge on movable fixed assets of CTPS.	66.91	-	-	-
Total (Secured Loan) (A)	12,996.07	997.41	13,122.45	897.35



4. Long term Borrowings

(Rs. in Crore)

As at	As at 31.03.2022		As at 31.03.2021	
	Non Current	Current	Non Current	Current
B. Details of Unsecured Loans (Long-Term)				
GOI Loan for DRIP	80.15	-	80.15	-
RVP Loan from GOI	1.17	0.29	1.46	0.29
Unsecured Bonds	-	-	-	-
8.69% Bonds Guaranteed by GOI	2,600.00	-	2,600.00	-
Total (Unsecured Loan) (B)	2,681.32	0.29	2,681.61	0.29
Grand Total (A+B)	15,677.39	997.70	15,804.06	897.65

Notes

- Secured long term rupee loans carry fixed/ floating rate of interest ranging from 5.75% p.a to 9.98% p.a with monthly/ quarterly/ half yearly rests. These loans are repayable in quarterly/ annual installments as per the respective loan agreements. The repayment period extends from ten to fifteen years after a moratorium period of three and half years.
- Unsecured rupee loan from GOI under RVP scheme carry fixed rate of interest of 9% p.a. with monthly rests. Repayable in Annual instalments for 20 years.



5. Deferred Tax Liabilities

(Rs. in Crore)

As at	31.03.2022							31.03.2021						
Particulars	Power	Irrigation	Flood Control	Subsidiary Activities	Multipurpose Dams	Over head Activities	Total	Power	Irrigation	Flood Control	Subsidiary Activities	Multipurpose Dams	Over head Activities	Total
Deferred Tax Liabilities	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Add Deferred Tax Liabilities	582.06	-	-	-	-	-	582.06	721.49	-	-	-	-	-	721.49
Less Deferred Tax Assets	582.06	-	-	-	-	-	582.06	721.49	-	-	-	-	-	721.49
Total	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Note

Deferred Tax Assets on Unabsorbed Depreciation & brought forward Business Loss has been considered partly to the extent of Deferred Tax Liability arising on account of Timing Difference of Depreciation.

6. Other Long Term Liabilities

(Rs. in Crore)

As at	31.03.2022							31.03.2021						
Particulars	Power	Irrigation	Flood Control	Subsidiary Activities	Multipurpose Dams	Over head Activities	Total	Power	Irrigation	Flood Control	Subsidiary Activities	Multipurpose Dams	Over head Activities	Total
Security Deposit & Retention (Non current)	1,060.74	13.97	-	-	0.01	-	1,074.72	809.34	13.93	-	-	0.01	-	823.28
Interest Payable to Participating Govt	6.98	1.44	0.60	-	-	-	9.02	6.98	1.44	0.60	-	-	-	9.02
Govt Grant PSDF for Acquiring Fixed Assets	129.30	-	-	-	-	-	129.30	128.32	-	-	-	-	-	128.32
Payable for Capital Expenditures (Non Current)	269.52	-	-	-	-	-	269.52	147.46	-	-	-	-	-	147.46
Total	1,466.54	15.41	0.60	-	0.01	-	1,482.56	1,092.10	15.37	0.60	-	0.01	-	1,108.08

Note

Interest on Capital : In terms of Section 38 of the DVC Act, the Corporation shall pay interest on the amount of Capital provided by the Participating Governments at such rate as may, from time to time, be fixed by the Central Government and such interest shall be deemed to be part of the expenditure of the Corporation. Accordingly, DVC has considered interest as a statutory expenditure during 2021-22 at the Rate of 5.75% p.a., as last rate fixed by the Central Government, on the Capital provided by the Participating Governments after adjustment of accumulated losses.





7. Long Term Provisions

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As at	31.03.2022							31.03.2021						
Particulars	Power	Irrigation	Flood Control	Subsidiary Activities	Multipurpose Dams	Over head Activities	Total	Power	Irrigation	Flood Control	Subsidiary Activities	Multipurpose Dams	Over head Activities	Total
Long-term Provisions - Others	4.80	-	-	-	-	-	4.80	5.30	-	-	-	-	-	5.30
Provision for Post Retirement Medical Benefit	-	-	-	-	-	391.00	391.00	-	-	-	-	-	-	-
Provision for Leave Encashment	-	-	-	-	-	289.69	289.69	-	-	-	-	-	87.59	87.59
Add: Liabilities for Current Year	-	-	-	-	-	68.89	68.89	-	-	-	-	-	57.95	57.95
Less: Benefits Paid	-	-	-	-	-	68.89	68.89	-	-	-	-	-	57.95	57.95
Closing Balance	4.80	-	-	-	-	680.69	685.49	5.30	-	-	-	-	87.59	92.89

8. Short Term Borrowings

As at	31.03.2022							31.03.2021						
Particulars	Power	Irrigation	Flood Control	Subsidiary Activities	Multipurpose Dams	Over head Activities	Total	Power	Irrigation	Flood Control	Subsidiary Activities	Multipurpose Dams	Over head Activities	Total
Bank(Cash Credit)	3,703.28	-	-	-	-	-	3,703.28	2,462.62	-	-	-	-	-	2,462.62
Line of Credit (Short Term Bank Borrowings)	5,900.00	-	-	-	-	-	5,900.00	3,750.00	-	-	-	-	-	3,750.00
Total	9,603.28	-	-	-	-	-	9,603.28	6,212.62	-	-	-	-	-	6,212.62

Short Term Bank Borrowing (Cash Credit):

Short term bank borrowing (Cash Credit) of Rs. 3703.28 crore (previous year was Rs.2462.62 crore) for working capital, Secured against Hypothecation of Stock of Raw material, Consumable stores and Book Debts of O&M Projects of the Corporation as first charge, both present and future.

Short Term Bank Borrowing (Line of Credit):

Short term Line of Credit of Rs.5,900 crore for financing overdues of Power Consumer (previous year was Rs. 3,750 crore) , includes Union Bank of India Rs. 600 crore, Bank of India Rs 1,800 crore, Andhra Bank Rs.500 crore, Bank of Baroda Rs. 700 crore, PNB Rs. 500 Crore, Canara Bank Rs.600 crore and Indian Bank Rs.300 crore) is secured against subservient charge on residual value of Fixed Asset and unsecured line of credit from HDFC Bank Rs. 900 crore. Interest rate varies from 4.00% to 7.00% p.a. repayable within three months to one year.





9. Trade Payable

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(Rs. in Crore)

As at	31.03.2022							31.03.2021						
Particulars	Power	Irrigation	Flood Control	Subsidiary Activities	Multipurpose Dams	Over head Activities	Total	Power	Irrigation	Flood Control	Subsidiary Activities	Multipurpose Dams	Over head Activities	Total
Fuel	5,256.19	-	-	-	-	-	5,256.19	7,912.14	-	-	-	-	-	7,912.14
Less : Receivable from Railway for missing wagon adjusted to the extent of Liability of Unconnected Coal - Payable to Railway (adjusted in note 22)	1,547.70	-	-	-	-	-	1,547.70	1,636.74	-	-	-	-	-	1,636.74
Less : Advance to Coal Suppliers adjusted in note 21	2,825.82	-	-	-	-	-	2,825.82	2,541.16	-	-	-	-	-	2,541.16
Sub Total	882.67	-	-	-	-	-	882.67	3,734.24	-	-	-	-	-	3,734.24
Purchase of Power & UI	162.27	-	-	-	-	-	162.27	127.38	-	-	-	-	-	127.38
Works Contracts	10.52	0.03	-	0.02	0.19	0.41	11.17	9.26	0.03	-	-	0.19	0.35	9.83
Consumables Supply & Others Misc	365.87	-	-	0.25	0.99	5.61	372.72	338.74	-	-	0.14	2.42	10.44	351.74
Total	1,421.33	0.03	-	0.27	1.18	6.02	1,428.83	4,209.62	0.03	-	0.14	2.61	10.79	4,223.19





10. Other Current Liabilities

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(Rs. in Crore)

As at	31.03.2022							31.03.2021						
Particulars	Power	Irrigation	Flood Control	Subsidiary Activities	Multipurpose Dams	Over head Activities	Total	Power	Irrigation	Flood Control	Subsidiary Activities	Multipurpose Dams	Over head Activities	Total
Interest Accrued but not due on borrowing	17.96	-	-	-	-	0.06	18.02	106.86	-	-	-	-	0.06	106.92
Interest Payable to Lenders	3.97	-	-	-	-	-	3.97	4.43	-	-	-	-	-	4.43
Payable for Capital Goods Supply and Capital Works	345.65	0.03	-	0.06	-	0.10	345.84	187.44	0.02	-	0.06	-	0.13	187.65
Advance from Consumers and Others	5.50	-	-	-	-	-	5.50	3.27	-	-	-	-	-	3.27
Deposit, Retention Money	535.03	0.05	-	3.20	7.68	14.10	560.06	733.60	0.06	-	3.07	9.52	19.69	765.94
TDS (Income Tax) Payable	8.31	0.01	0.38	0.76	1.73	-	11.19	5.02	0.01	0.33	0.66	1.66	0.02	7.70
Co-Operative Society	-	-	-	0.01	-	-	0.01	0.01	-	-	0.01	-	-	0.02
Professional Tax	0.19	0.01	0.01	0.04	-	-	0.25	0.28	0.01	0.01	0.03	-	-	0.33
Electricity Duty	412.49	-	-	-	-	-	412.49	246.49	-	-	-	-	-	246.49
Sales & Commercial Taxes	12.78	0.47	-	0.20	0.43	-	13.88	13.20	0.03	-	0.11	0.42	-	13.76
ESI Recovery	0.02	-	-	-	-	-	0.02	0.05	-	-	-	-	-	0.05
Family Welfare Scheme	2.71	-	-	0.06	0.09	-	2.86	2.54	-	-	0.05	0.09	-	2.68
Retrenchment Benefit	4.14	-	-	-	-	-	4.14	4.15	-	-	-	-	-	4.15
Amount Payable to Pension Trust	-	-	-	-	-	734.00	734.00	-	-	-	-	-	410.00	410.00
Compassionate Fund for HB	-	-	-	-	-	0.69	0.69	-	-	-	-	-	0.69	0.69
Salaries Wages Payable	41.06	-	0.02	1.11	-	-	42.19	24.76	0.01	0.02	1.10	-	-	25.89
Deposit Work -REP-Current Liabilities	1,151.43	-	-	-	-	-	1,151.43	1,151.43	-	-	-	-	-	1,151.43



10. Other Current Liabilities

(Rs. in Crore)

As at	31.03.2022							31.03.2021						
Particulars	Power	Irrigation	Flood Control	Subsidiary Activities	Multipurpose Dams	Over head Activities	Total	Power	Irrigation	Flood Control	Subsidiary Activities	Multipurpose Dams	Over head Activities	Total
Building & Const Workers Welf Cess	4.77	-	-	0.02	0.45	-	5.24	0.44	-	-	0.01	0.44	-	0.89
Other Misc Liabilities - General	448.66	0.82	-	5.17	17.35	38.39	510.39	418.33	-	-	3.55	6.51	48.19	476.58
Estimated Provident Fund Contribution Liability	-	-	-	-	-	77.37	77.37	0.16	-	-	-	-	83.18	83.34
SubTotal	2,994.67	1.39	0.41	10.63	27.73	864.71	3,899.54	2,902.46	0.14	0.36	8.65	18.64	561.96	3,492.21
Provident Fund	-	-	-	-	-	952.21	952.21	-	-	-	-	-	1,005.98	1,005.98
Less: Provident Fund Investment	-	-	-	-	-	804.02	804.02	-	-	-	-	-	865.40	865.40
SubTotal	-	-	-	-	-	148.19	148.19	-	-	-	-	-	140.58	140.58
Add : Current Maturity of Long Term Borrowings - From Note -4	997.41	-	-	0.29	-	-	997.70	897.36	-	-	0.29	-	-	897.65
Total	3,992.08	1.39	0.41	10.92	27.73	1,012.90	5,045.43	3,799.82	0.14	0.36	8.94	18.64	702.54	4,530.44





11. Short Term Provisions

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As at	31.03.2022							31.03.2021						
	Power	Irrigation	Flood Control	Subsidiary Activities	Multipurpose Dams	Over head Activities	Total	Power	Irrigation	Flood Control	Subsidiary Activities	Multipurpose Dams	Over head Activities	Total
Provision for employee benefits														
As per last balance sheet	38.53	-	-	-	-	0.06	38.59	34.01	-	-	-	-	-	34.01
Additions during the year	42.59	-	-	-	0.04	0.03	42.66	4.52	-	-	-	-	-	-
less: Amounts adjusted during the year	0.23	-	-	-	-	-	0.23	-	-	-	-	-	0.06	4.58
Sub Total:	80.89	-	-	-	0.04	0.09	81.02	38.53	-	-	-	-	0.06	38.59
Provision for tariff adjustment														
As per last balance sheet	4.46	-	-	-	-	-	4.46	4.46	-	-	-	-	-	4.46
Additions during the year	-	-	-	-	-	-	-	-	-	-	-	-	-	-
less: adjusted during the year	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Sub Total:	4.46	-	-	-	-	-	4.46	4.46	-	-	-	-	-	4.46
Provision for Compensation- in lieu of Compassionate Employment														
As per last balance sheet	-	-	-	-	-	27.54	27.54	-	-	-	-	-	27.54	27.54
Additions during the year	-	-	-	-	-	98.31	98.31	-	-	-	-	-	-	-
Sub Total:	-	-	-	-	-	125.85	125.85	-	-	-	-	-	27.54	27.54
Provision for Long Term Contract as per last balance sheet	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Additions during the year	782.00	-	-	-	-	-	782.00	-	-	-	-	-	-	-
Sub Total:	782.00	-	-	-	-	-	782.00	-	-	-	-	-	-	-
Total	7.35	-	-	-	0.04	125.94	993.33	42.99	-	-	-	-	27.60	70.59





12. Fixed Assets- Tangible & Intangible Assets

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Particulars	Gross Block			Depreciation Block			Net Block
	As at 31.03.2021	Additions/ Adjustments	As at 31.03.2022	As at 31.03.2021	Additions/ Adjustments	As at 31.03.2022	As at 31.03.2022
i) Tangible Assets	1,698.41	(5.00)	1,693.41	32.31	1.34	33.65	1,659.76
Land & Land Rights							
Buildings	3,931.33	17.95	3,949.28	2,079.17	141.70	2,220.87	1,728.41
Road Culverts & Rly. Sidings	1,750.99	66.84	1,817.83	273.68	52.31	325.99	1,491.84
Dam and Spill-way	38.13	-	38.13	24.88	0.68	25.56	12.57
Barrage, Gates & Others	1,365.29	79.13	1,444.42	710.05	90.65	800.70	643.72
Regulators, Lock Falls Etc.	7.72	-	7.72	6.95	-	6.95	0.77
Canals & Service Roads	10.00	5.38	15.38	8.19	0.04	8.23	7.15
Plant & Machinery	30,986.36	224.67	31,211.03	18,174.98	2,205.01	20,379.99	10,831.04
Less: Impairment	35.23	-	35.23	-	-	-	35.23
Net Plant & Machinery	30,951.13	224.67	31,175.80	18,174.98	2,205.01	20,379.99	10,795.81
Plant & Machinery (Mining & Ropeway)	0.85	-	0.85	0.77	-	0.77	0.08
Sub Station Equip	1,416.23	56.34	1,472.57	1,047.76	63.18	1,110.94	361.63
Switch Gear	482.38	1.49	483.87	308.28	28.29	336.57	147.30





12. Fixed Assets- Tangible & Intangible Assets

(Rs. in Crore)

Particulars	Gross Block			Depreciation Block			Net Block
	As at 31.03.2021	Additions/ Adjustments	As at 31.03.2022	As at 31.03.2021	Additions/ Adjustments	As at 31.03.2022	As at 31.03.2022
Tower Poles & Fixtures	1,464.80	94.50	1,559.30	837.00	93.81	930.81	628.49
Construction Equipment	27.71	-	27.71	23.40	0.95	24.35	3.36
Other Assets	360.91	6.86	367.77	300.83	5.84	306.67	61.10
Assets Held for Disposal (FA)	106.53	-	106.53	-	-	-	106.53
Total Fixed Asset Cost (Historical Value)	43,612.41	548.16	44,160.57	23,828.25	2,683.80	26,512.05	17,648.52
Revaluation of Assets - Increase in Assets Value	15,461.04	-	15,461.04	10,333.72	-	10,333.72	5,127.32
Gross Total Fixed Asset Cost (Historical & Revaluation Value)	59,073.45	548.16	59,621.61	34,161.97	2,683.80	36,845.77	22,775.84
Less: Provision against loss on Fixed Assets	191.20	(2.43)	188.77	-	-	-	188.77
Net Total Fixed Asset Cost (Historical & Revaluation Value)	58,882.25	550.59	59,432.84	34,161.97	2,683.80	36,845.77	22,587.07
Previous Year	57,816.42	1,065.83	58,882.25	31,534.29	2,627.68	34,161.97	24,720.28
ii) Intangible Assets	20.50	(9.07)	11.43	9.63	1.74	11.37	0.06
Previous Year	20.49	0.01	20.50	7.88	1.75	9.63	10.87



13. Capital Work-in-Progress & Intangible Assets Under Development

(Rs. in Crore)

Particulars	As at 31.03.2021	Additions/ Adjustments	As at 31.03.2022
i) Capital Work- in- Progress			
Land & Land Rights	0.13	(0.04)	0.09
Buildings	190.55	(8.72)	181.83
Road Culverts & Rly. Sidings	90.37	(1.67)	88.70
Dam and Spillway	109.95	2.83	112.78
Barrage, Gates & Others	1.24	1.43	2.67
Power House Plant & Machinery	377.64	1,546.14	1,923.78
Sub Station Equip	260.13	58.92	319.05
Tower Poles & Fixtures	347.69	(36.81)	310.88
Other Assets	1.66	(0.18)	1.48
Incidental Exp. During Con. (WIP) -Overhead	81.85	(7.23)	74.62





13. Capital Work-in-Progress & Intangible Assets Under Development

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(Rs. in Crore)

Particulars	As at 31.03.2021	Additions/ Adjustments	As at 31.03.2022
Interest During Construction	47.52	49.02	96.54
Preliminary Survey & Investigation & Clg Overhead - Old Ledgers	31.53	2.79	34.32
New Thermal Projects-Turnkey -EPC	147.71	(122.76)	24.95
New Thermal Projects-Turnkey -Non EPC	319.39	55.44	374.83
Capital Stock - Construction and O&M Projects	261.05	180.27	441.32
Development of Coal Block	264.58	291.14	555.72
Solar Power	0.46	1.59	2.05
Renovation & Upgradation of Transmission System	86.49	23.16	109.65
Total CWIP Asset Value	2,619.92	2,035.32	4,655.26
Less: Provision against loss on CWIP (Khagra Joydev)	-	155.47	155.47
Net Total CWIP Assets Value	2,619.92	1,879.85	4,499.79
Previous Year	2,805.44	(185.52)	2,619.92
ii) Intangible Assets under Development	-	-	-
Previous Year	-	-	-





14. Non Current Investments

As at	31.03.2022							31.03.2021						
Investments in	Power	Irrigation	Flood Control	Subsidiary Activities	Multipurpose Dams	Over head Activities	Total	Power	Irrigation	Flood Control	Subsidiary Activities	Multipurpose Dams	Over head Activities	Total
Equity (fully paid up-unless otherwise stated)														
JV Companies	547.23	-	-	-	-	-	547.23	547.23	-	-	-	-	-	547.23
other companies	10.00	-	-	-	-	-	10.00	10.00	-	-	-	-	-	10.00
Total	557.23	-	-	-	-	-	557.23	557.23	-	-	-	-	-	57.23

15. Long Term Loans & Advances

As at	31.03.2022							31.03.2021						
Particulars	Power	Irrigation	Flood Control	Subsidiary Activities	Multipurpose Dams	Over head Activities	Total	Power	Irrigation	Flood Control	Subsidiary Activities	Multipurpose Dams	Over head Activities	Total
Capital Advances														
Unsecured considered good	681.32	-	-	-	-	3.93	685.25	715.42	-	-	-	-	3.93	719.35
Deposits - Unsecured, considered good	7.28	-	-	-	0.20	1.58	9.06	8.17	-	-	-	0.20	1.58	9.95
Loans														
Loans to Employees - Secured	0.01	-	-	-	-	-	0.01	0.01	-	-	0.01	0.01	0.01	0.04
Total	688.61	-	-	-	0.20	5.51	694.32	723.60	-	-	0.01	0.21	5.52	729.34





16. Other Non Current Assets

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(Rs. in Crore)

As at	31.03.2022							31.03.2021						
Particulars	Power	Irrigation	Flood Control	Subsidiary Activities	Multipurpose Dams	Over head Activities	Total	Power	Irrigation	Flood Control	Subsidiary Activities	Multipurpose Dams	Over head Activities	Total
Unamortized Expenses	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total	-	-	-	-	-	-	-	-	-	-	-	-	-	-

17. Current Investment

(Rs. in Crore)

As at	31.03.2022							31.03.2021						
Particulars	Power	Irrigation	Flood Control	Subsidiary Activities	Multipurpose Dams	Over head Activities	Total	Power	Irrigation	Flood Control	Subsidiary Activities	Multipurpose Dams	Over head Activities	Total
Investments in Equity Instruments	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Investments in Short-term Deposits with Bank and FIs	8.35	-	-	-	-	-	8.35	4.48	-	-	-	-	-	4.48
Total	8.35	-	-	-	-	-	8.35	4.48	-	-	-	-	-	4.48

18. Inventories

385

As at	31.03.2022							31.03.2021						
Particulars	Power	Irrigation	Flood Control	Subsidiary Activities	Multipurpose Dams	Over head Activities	Total	Power	Irrigation	Flood Control	Subsidiary Activities	Multipurpose Dams	Over head Activities	Total
Stock														
Fuel Oil	82.47	-	-	-	-	-	82.47	64.43	-	-	-	-	-	64.43
Fuel Coal	598.21	-	-	-	-	-	598.21	848.52	-	-	-	-	-	848.52
Loose Tools	1.43	-	-	0.04	0.01	0.01	1.49	1.49	-	-	0.04	0.01	0.01	1.55
Others	-	-	-	-	-	-	-	2.58	-	-	-	-	-	2.58
Stores & Spares	974.70	-	-	-	0.48	1.79	976.97	944.82	-	-	-	0.48	1.79	947.09
Naptha	0.33	-	-	-	-	-	0.33	0.33	-	-	-	-	-	0.33
Less: Provisions for Shortage, Obsolescence, etc.	172.60	-	-	0.04	0.49	1.80	174.93	176.95	-	-	0.04	0.49	1.80	179.28
Total	1,484.56	-	-	-	-	-	1,484.56	1,685.22	-	-	-	-	-	1,685.22

Notes

Inventories

1. Stock of coal and oil are valued at weighted average cost basis including freight.
2. Realisable value of disposable/unusable stores will be assessed.
3. Values of insurance spares as included in inventories are not separately identified.





19. Trade Receivables

386

(Rs. in Crore)

As at	31.03.2022							31.03.2021						
Particulars	Power	Irrigation	Flood Control	Subsidiary Activities	Multipurpose Dams	Over head Activities	Total	Power	Irrigation	Flood Control	Subsidiary Activities	Multipurpose Dams	Over head Activities	Total
Debts outstanding for a period exceeding six months														
Unsecured considered good	1,576.41	0.33	-	-	-	-	1,576.74	6,506.27	81.78	-	-	-	-	6,588.05
Considered doubtful	835.39	86.96	-	-	-	-	922.35	977.79	86.96	-	-	-	-	1,064.75
Less: Provision for Bad & Doubtful Debts	835.39	86.96	-	-	-	-	922.35	977.79	86.96	-	-	-	-	1,064.75
Debts outstanding for a period not exceeding six months														
Other Debts-Unsecured - considered good	6,123.49	81.31	-	-	-	-	6,204.80	1,000.61	18.32	-	-	-	-	1,018.93
Considered doubtful							-							-
Less: Provision for Bad & Doubtful Debts							-							-
Total	7,699.90	81.64	-	-	-	-	7,781.54	7,506.88	100.10	-	-	-	-	7,606.98

Notes

Sundry Debtors

1. Total outstanding amount of Rs 8535.29 crore (previous year Rs. 8484.67 crore) as on 31.03.2022 on account of sundry debtors for power supplied does not include unbilled revenue of Rs. 6024.89 crore (previous year Rs. 2293.27 crore)
2. Total outstanding amount of Rs. 168.6 crore (previous year Rs. 187.06 crore) for water supply as on 31.03.2022 does not include unbilled revenue 14.36 crore (previous year Rs. 9.94 crore)



20. Cash & Cash Equivalent

387

As at	31.03.2022							31.03.2021						
	Power	Irrigation	Flood Control	Subsidiary Activities	Multipurpose Dams	Over head Activities	Total	Power	Irrigation	Flood Control	Subsidiary Activities	Multipurpose Dams	Over head Activities	Total
Cash & Cash Equivalents														
Current Account	42.17	-	-	-	2.00	154.38	198.55	25.64	-	-	-	1.76	83.27	110.67
Cash Balance	0.04	-	-	-	0.02	-	0.06	0.06	-	-	-	0.02	0.01	0.09
Imprest	0.07	-	-	0.01	-	0.06	0.14	0.07	-	-	0.01	-	0.06	0.14
Cash & Cash Equivalent- as per AS 3	42.28	-	-	0.01	2.02	154.44	198.75	25.77	-	-	0.01	1.78	83.34	110.90
Other Bank Balances														
Bank Deposits with more than three months Maturity							-							-
Total	42.28	-	-	0.01	2.02	154.44	198.75	25.77	-	-	0.01	1.78	83.34	110.90





21. Short Term Loans & Advances

388

As at	31.03.2022							31.03.2021						
Particulars	Power	Irrigation	Flood Control	Subsidiary Activities	Multipurpose Dams	Over head Activities	Total	Power	Irrigation	Flood Control	Subsidiary Activities	Multipurpose Dams	Over head Activities	Total
A. Loans														
i) Related Parties														
Un-Secured	-	-	-	-	-	18.40	18.40	-	-	-	-	-	18.40	18.40
Sub Total	-	-	-	-	-	18.40	18.40	-	-	-	-	-	18.40	18.40
ii) Employees														
Secured	-	-	-	-	-	0.02	0.02	-	-	-	-	-	0.01	0.01
Un Secured	3.73	-	-	-	0.07	1.37	5.17	4.23	-	-	-	-	1.31	5.61
Sub Total	3.73	-	-	-	0.07	1.39	5.19	4.23	-	-	-	0.07	1.32	5.62
B. Advances														
i) Contractors & Suppliers, including material issued on loan														
Unsecured(Considered Good)	3,183.34	-	-	0.69	0.91	20.83	3,205.77	2,908.65	-	-	0.73	0.91	18.31	2,928.60
Less : Advance to Coal Suppliers adjusted in note 9 with Trade payable	2,825.82	-	-	-	-	-	2,825.82	2,541.16	-	-	-	-	-	2,541.16
Sub Total	357.52	-	-	0.69	0.91	20.83	379.95	367.49	-	-	0.73	0.91	18.31	387.44
Considered Doubtful	8.69	-	-	-	1.12	-	9.81	8.69	-	-	-	1.12	-	9.81
Less: Provision for Bad and Doubtful Advances	8.69	-	-	-	1.12	-	9.81	8.69	-	-	-	1.12	-	9.81
Sub Total	357.52	-	-	0.69	0.91	20.83	379.95	367.49	-	-	0.73	0.91	18.31	387.44
ii) Advance tax deposit & tax deducted at source	56.43	-	-	-	-	-	56.43	107.02	-	-	-	-	-	107.02
iii) Advance (Others)	-	-	-	-	-	-	-	-	-	-	-	-	-	-
iv) Related Parties-Unsecured	33.68	-	-	-	-	40.29	40.29	-	-	-	-	-	40.21	40.21
Total	451.36	-	-	0.69	0.98	80.91	533.94	512.42	-	-	0.73	0.98	78.24	592.37



22. Other Current Assets

As at	31.03.2022							31.03.2021						
Particulars	Power	Irrigation	Flood Control	Subsidiary Activities	Multipurpose Dams	Over head Activities	Total	Power	Irrigation	Flood Control	Subsidiary Activities	Multipurpose Dams	Over head Activities	Total
Other Current Assets														
Unbilled Revenue Sale of Power	6,024.89	-	-	-	-	-	6,024.89	2,293.27	-	-	-	-	-	-
Unbilled Revenue Sale of Water	-	14.36	-	-	-	-	14.36	-	9.94	-	-	-	-	2,293.27
Interest Accrued : on Term deposits on others	0.30	-	-	-	-	0.02	0.32	0.42	-	-	-	-	-	9.94
Claims Recoverable From Related Parties	4.12	-	-	-	-	19.36	19.36	-	-	-	-	-	0.02	0.44
Temporary advance	0.19	-	-	-	-	-	4.12	29.78	-	-	-	-	19.35	19.35
Deposit Work - REP - Current Assets	1,156.09	-	-	-	0.02	0.03	0.24	0.24	-	-	-	-	-	29.78
Receivable from Non Core Activities -Un- secured Considered Good	5.98	-	-	0.05	0.01	-	6.04	8.28	-	-	0.05	0.01	-	0.36
Considered Doubtful Less: Provision for Loss against other Receivables	-	-	-	0.74	-	-	0.74	-	-	-	0.74	-	-	1,156.09
	-	-	-	0.74	-	-	0.74	-	-	-	0.74	-	-	8.34
Sub Total	5.98	-	-	0.05	0.01	-	6.04	8.28	-	-	0.05	0.01	-	0.74
														0.74
														8.34





22. Other Current Assets

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(Rs. in Crore)

As at	31.03.2022							31.03.2021						
Particulars	Power	Irrigation	Flood Control	Subsidiary Activities	Multipurpose Dams	Over head Activities	Total	Power	Irrigation	Flood Control	Subsidiary Activities	Multipurpose Dams	Over head Activities	Total
Receivable from Misc Others - Unsecured	544.95	0.01	-	0.42	19.55	-	564.93	484.41	0.01	-	0.42	12.45	-	497.29
Considered Good														
Considered Doubtful	93.97	-	-	-	0.89	-	94.86	95.01	-	-	-	0.89	-	95.90
Less: Provision for Loss against other Receivables	93.97	-	-	-	0.89	-	94.86	95.01	-	-	-	0.89	-	95.90
Sub Total	544.95	0.01	-	0.42	19.55	-	564.93	484.41	0.01	-	0.42	12.45	-	497.29
Receivable from Railway for missing wagon	2,181.62	-	-	-	-	-	2,181.62	1,958.72	-	-	-	-	-	1,958.72
Less : Payable to Railway for unconnected wagon	1,547.70	-	-	-	-	-	1,547.70	1,636.74	-	-	-	-	-	1,636.74
Sub Total	633.92	-	-	-	-	-	633.92	321.98	-	-	-	-	-	321.98
Deposits- Secured	7.77	-	-	-	0.03	4.76	12.56	7.72	-	-	-	0.03	4.69	12.44
Total	8,378.21	14.37	-	0.47	19.61	24.17	8,436.83	4,302.19	9.95	-	0.47	12.51	24.16	4,349.28



23. Revenue from Operations

For the year ended	31.03.2022							31.03.2021						
	Power	Irrigation	Flood Control	Subsidiary Activities	Multipurpose Dams	Over head Activities	Total	Power	Irrigation	Flood Control	Subsidiary Activities	Multipurpose Dams	Over head Activities	Total
Income from														
Supply of Power	21,799.31	-	-	-	-	-	21,799.31	17,197.34	-	-	-	-	-	17,197.34
Supply of Water	-	305.91	-	-	-	-	305.91	-	253.74	-	-	-	-	253.74
Total	21,799.31	305.91	-	-	-	-	22,105.22	17,197.34	253.74	-	-	-	-	17,451.08

Notes

A. Tariff

- a) Supreme Court vide its order dated 03.12.2018 in Civil Appeal No.4881 of 2010 (2nd Appeal) upheld the judgement of the Appellate Tribunal dated 10.05.2010 in Appeal No.146 of 2009 (1st Appeal against CERC order dated 06.08.2009 w.r.t. generation and Transmission Tariff) related to the tariff period FY 2006-07 to FY 2008-09.
- b) JSERC, in the meanwhile, issued retail tariff order (True-up for FY 2015-16, MYT 2016-21 including true up for 2006-07 to 2014-15) on 18.05.2018 wherein the State Commission determined the Revenue Surplus of around Rs.1287 crore from FY 2006-07 to FY 2014-15. While arriving at such Revenue Surplus, JSERC purportedly disallowed some of the legitimate claims of DVC and considered the carrying cost at compound rate of interest ignoring the mandate of the Electricity Act, 2003.
- c) Aggrieved by such order of JSERC, DVC filed an Appeal Petition before the Appellate Tribunal for Electricity which is pending before the Tribunal. Moreover, the Revenue Surplus of around Rs.1287 crore as determined by JSERC includes a substantial part (around 40%) payable to JBVNL, dues for whom for the period from October, 2001 to September, 2015 has already been settled under the "Uday" Scheme of Govt. of India as full and final in which DVC has waived a substantial amount. Hence, the portion of Surplus amount, depending upon the judgement of the Appellate Tribunal, on account of JBVNL is not legally refundable by DVC.



23. Revenue from Operations

- d) Pending judgment of the Appellate Tribunal and in compliance of the directive given by JSERC in the tariff order dated 30.09.2020, DVC has also filed an Application before JSERC for determination of tariff schedule for different category of consumers for the period 2006-07 to 2011-12. The Application as submitted before JSERC is, however, without prejudice to the rights and contentions of DVC in the Appeal pending before the Tribunal. The Application is at present pending before the JSERC
- e) WBERC has determined ARR and tariff for the period 2006-07 to 2008-09 vide order dated 19.06.2020. In compliance of the said order DVC has already initiated the settlement of past dues with the consumers in 24 nos. equal monthly instalments along with 6% carrying cost.
- f) WBERC has issued tariff order dated 05.05.2022 for the period F.Y. 2017-18 which has become effective from the date 01.04.2017 to till date of next tariff order of WBERC.
- g) While issuing true up tariff order for the period 2009-14 and provisional tariff order for the period 2014-19 in respect of the Generation and T&D System of DVC, CERC did not consider the claim of DVC on Pension & Gratuity (P&G) account to be recovered through tariff. Being aggrieved, DVC filed Appeal Petition before the Appellate Tribunal for Electricity which are still in the process of hearing. Based on the order of CERC dated 4th September, 2019 in Case No. 197/MP/2016, DVC has claimed on account of P&G in 18 nos. of Tariff Petitions (Generating Stations and T&D) submitted before CERC for true-up for the period 2014-19 and provisional tariff for 2019-24. Out of that 18 nos. of Tariff petitions, CERC till date has issued Tariff Order for 3 nos. of Tariff petitions only.

B. Revenue from Operation- Power

(Rs. in Crore)

Particulars	2021-22	2020-21
Firm Sale	11,344.55	6,122.28
Bi-lateral Export	8,880.35	9,521.65
Bangladesh	1,178.32	1,109.39
Sale through Exchange & Others	396.09	444.02
Total	21,799.31	17,197.34

- C. Power sale through Exchange are made on Day Ahead/RTM basis and rates are determined through bidding process.
- D. Water tariff for supply of water for Industrial and non industrial use has been revised with effect from April, 2019.
- E. Electricity duty on power sale amounting to Rs.747.15 crore (previous year Rs.425.42 crore) has been reduced from sales in the statement of profit and loss.
- F. Amount to the extent recoverable from the beneficiaries / consumers in subsequent periods as per CERC & WBERC Tariff Orders are recognized as 'Regulatory Assets' in the Statement of Profit & Loss. During the FY 2021-22 regulatory assets of Rs.3,643.56 crore has been accounted for as per Tariff Regulations.





24. Other Income

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For the year ended	31.03.2022							31.03.2021						
Particulars	Power	Irrigation	Flood Control	Subsidiary Activities	Multipurpose Dams	Over head Activities	Total	Power	Irrigation	Flood Control	Subsidiary Activities	Multipurpose Dams	Over head Activities	Total
Revenue from Non-Core Activities	-	-	-	0.03	-	0.02	0.05	-	-	-	0.03	-	0.01	0.04
a) Interest														
from Employees Loan and Advances	0.12	-	-	-	-	0.06	0.18	0.20	-	-	-	-	0.08	0.28
from Non Current Investment	1.15	-	-	-	-	-	1.15	0.28	-	-	-	-	-	0.28
Intt on IT Refund	0.40	-	-	-	-	-	0.40	12.33	-	-	-	-	-	12.33
Intt on Adv to Contractors & Suppliers	-	-	-	-	-	-	-	0.02	-	-	-	-	-	0.02
Int on Short Term Deposit	0.17	-	-	-	-	-	0.17	0.21	-	-	-	-	-	0.21
Int on CLTD	0.05	-	-	-	-	-	0.05	0.28	-	-	-	-	-	0.28
From Others	1.84	-	-	-	-	-	1.84	1.84	-	-	-	-	0.01	0.29
b) Dividend	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dividend - Non Current Investment	19.90	-	-	-	-	-	19.90	110.11	-	-	-	-	-	110.11





24. Other Income

394

(Rs. in Crore)

For the year ended	31.03.2022							31.03.2021						
Particulars	Power	Irrigation	Flood Control	Subsidiary Activities	Multipurpose Dams	Over head Activities	Total	Power	Irrigation	Flood Control	Subsidiary Activities	Multipurpose Dams	Over head Activities	Total
c) Government Grants	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PMKUSUM Grant	-	-	-	-	-	0.49	0.49	-	-	-	-	-	-	-
d) Other non-operating Income	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Delay Payment Surcharge	562.32	9.63	-	-	-	-	571.95	1,136.56	-	-	-	-	-	1,136.56
Income from Service Charges	59.32	-	-	-	-	-	59.32	1.18	-	-	-	-	-	1.18
Profit on Disposal of Fixed Assets	34.22	-	-	-	-	-	34.22	0.28	-	-	-	-	0.97	1.25
Provision - Written Back - Doubtful Debts	142.40	-	-	-	-	-	142.40	51.15	-	-	-	-	-	51.15
Provision written back - Stock-Current Assets	-	-	-	-	-	-	-	6.34	-	-	-	-	-	6.34
Provision - Income Tax - Written Back	13.75	-	-	-	-	-	13.75	-	-	-	-	-	-	-
Other Misc. Income	121.00	-	-	0.37	3.80	25.03	150.20	25.53	-	-	-	-	9.54	35.07
Sub Total- Direct	956.64	9.63	-	0.40	3.80	25.60	996.07	1,346.31	-	-	0.03	-	10.61	1,356.95
Inter Head Transfer	26.95	1.35	1.44	(0.40)	(3.80)	(25.60)	(0.06)	10.47	0.09	0.09	(0.03)	-	(10.61)	0.01
Common Service	-	-	-	-	-	-	-	(0.09)	-	-	-	-	-	(0.09)
Capitalized	(4.34)	-	-	-	-	-	(4.34)	(1.21)	-	-	-	-	-	(1.21)
Total Share	22.61	1.35	1.44	(0.40)	(3.80)	(25.60)	(4.40)	9.17	0.09	0.09	(0.03)	-	(10.61)	(1.29)
Total - Direct & Share	979.25	10.98	1.44	-	-	-	991.67	1,355.48	0.09	0.09	-	-	-	1,355.66

Notes: Delay Payment Surcharge has been accounted for based on CERC and SERC Regulations.





25. Cost of Power Purchased

For the year ended	31.03.2022							31.03.2021						
Particulars	Power	Irrigation	Flood Control	Subsidiary Activities	Multipurpose Dams	Over head Activities	Total	Power	Irrigation	Flood Control	Subsidiary Activities	Multipurpose Dams	Over head Activities	Total
Scheduled Purchase	700.12	-	-	-	-	-	700.12	538.70	-	-	-	-	-	538.70
Transmission & Reactive Charges	151.71	-	-	-	-	-	151.71	130.60	-	-	-	-	-	130.60
UI Import	159.05	-	-	-	-	-	159.05	80.64	-	-	-	-	-	80.64
Purchase of Power through Exchange	342.19	-	-	-	-	-	342.19	64.65	-	-	-	-	-	64.65
Total	1,353.07	-	-	-	-	-	1,353.07	814.59	-	-	-	-	-	814.59

26. Cost of Fuel

For the year ended	31.03.2022							31.03.2021						
Particulars	Power	Irrigation	Flood Control	Subsidiary Activities	Multipurpose Dams	Over head Activities	Total	Power	Irrigation	Flood Control	Subsidiary Activities	Multipurpose Dams	Over head Activities	Total
Consumption														
Coal	11,042.75						11,042.75	9,681.91						9,681.91
Oil	127.14						127.14	51.70						51.70
Total	11,169.89						11,169.89	9,733.61						9,733.61





27. Employee Benefit Expenses

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For the year ended	31.03.2022							31.03.2021						
Particulars	Power	Irrigation	Flood Control	Subsidiary Activities	Multipurpose Dams	Over head Activities	Total	Power	Irrigation	Flood Control	Subsidiary Activities	Multipurpose Dams	Over head Activities	Total
Salary, Wages & Allowances														
Basic Pay	461.69	0.66	0.22	5.71	4.08	72.16	544.52	483.78	0.75	0.29	6.30	4.91	79.08	575.11
Dearness Allowance	128.30	0.18	0.06	1.58	1.10	20.79	152.01	80.03	0.12	0.05	1.05	0.76	13.13	95.14
House Rent Allowance	18.27	0.03	-	0.29	0.17	10.99	29.75	17.18	0.03	-	0.31	0.15	10.78	28.45
Field Compensatory Allowance	38.82	0.05	0.02	0.46	0.43	2.62	42.40	40.13	0.06	0.02	0.54	0.51	2.85	44.11
Other Allowances	163.85	0.13	0.03	1.42	1.21	23.39	190.03	103.98	0.14	0.15	1.65	1.10	20.38	127.40
Sub Total	810.93	1.05	0.33	9.46	6.99	129.95	958.71	725.10	1.10	0.51	9.85	7.43	126.22	870.21
Contribution To Provident Fund	28.02	0.05	-	0.13	0.43	4.51	33.14	35.32	0.02	-	0.13	0.56	4.58	40.61
Contribution to PG Fund	734.00	-	-	-	-	-	734.00	410.82	-	-	-	-	-	410.82
CPF-GPF Interest Payable	-	-	-	-	-	70.24	70.24	-	-	-	-	-	78.69	78.69
Less: Interest Recoverable on Investment	-	-	-	-	-	(59.98)	(59.98)	-	-	-	-	-	(61.65)	(61.65)
Sub Total	762.02	0.05	-	0.13	0.43	14.77	777.40	446.14	0.02	-	0.13	0.56	21.62	468.47



27. Employee Benefit Expenses

For the year ended	31.03.2022							31.03.2021						
Particulars	Power	Irrigation	Flood Control	Subsidiary Activities	Multipurpose Dams	Over head Activities	Total	Power	Irrigation	Flood Control	Subsidiary Activities	Multipurpose Dams	Over head Activities	Total
Welfare Expenses														
Staff- Welfare	14.68	-	-	-	0.19	9.26	24.13	16.07	-	-	-	0.15	7.19	23.41
Compensation	4.90	-	-	-	-	0.15	5.05	0.05	-	-	-	-	0.18	0.23
Consumables	27.27	0.05	-	0.44	0.22	45.33	73.31	19.45	0.02	0.01	0.32	0.20	36.16	56.16
-Medicine and Medical Reimbursement														
Sub Total	46.85	0.05	-	0.44	0.41	54.74	102.49	35.57	0.02	0.01	0.32	0.35	43.53	79.80
Provision- Employees Remuneration :														
Provision- Compensation on	98.31	-	-	-	-	-	98.31	-	-	-	-	-	-	-
Compassionate Ground														
Provision for PRMAS (Post Retirement Medical Assistance Scheme)	391.00	-	-	-	-	-	391.00	-	-	-	-	-	-	-
Provision for Leave Encashment	202.10	-	-	-	-	-	202.10	4.52	-	-	-	-	-	4.52
Sub Total	691.41	-	-	-	-	-	691.41	4.52	-	-	-	-	-	4.52
Total Direct Emp Cost	2,311.21	1.15	0.33	10.03	7.83	199.46	2,530.01	1,211.33	1.14	0.52	10.30	8.34	191.37	1,423.00
Sh of Emp. Rem.														
Inter Head Transfer	196.09	3.89	2.85	(10.03)	(7.93)	(199.46)	(14.59)	202.59	4.21	3.35	(10.30)	(8.48)	(191.37)	-
Bermo	(7.12)	-	-	-	-	-	(7.12)	(9.15)	-	-	-	-	-	(9.15)
CSO	(0.32)	-	-	-	-	-	(0.22)	(0.25)	-	-	-	-	-	(0.11)
Capitalized	(72.41)	-	-	-	0.10	-	(72.41)	(73.32)	-	-	-	0.14	-	(73.32)
Total Share	116.24	3.89	2.85	(10.03)	(7.83)	(199.46)	(94.34)	119.87	4.21	3.35	(10.30)	(8.34)	(191.37)	(82.58)
Total - Direct & Share	2,427.45	5.04	3.18	-	-	-	2,435.67	1,331.20	5.35	3.87	-	-	-	1,340.42





28. Finance Costs

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For the year ended	31.03.2022							31.03.2021						
Particulars	Power	Irrigation	Flood Control	Subsidiary Activities	Multipurpose Dams	Over head Activities	Total	Power	Irrigation	Flood Control	Subsidiary Activities	Multipurpose Dams	Over head Activities	Total
Interest on														
Banks	471.41	-	-	-	-	-	471.41	609.27	-	-	-	-	-	609.27
Others	17.72	-	-	-	-	-	17.72	10.49	-	-	-	-	-	10.49
Sinking Fund	245.13	-	-	-	-	-	245.13	208.89	-	-	-	-	-	208.89
Term Loan	801.51	-	-	-	-	-	801.51	903.59	-	-	-	-	-	903.59
Bonds	635.14	-	-	0.16	-	-	635.30	635.14	-	-	-	-	-	635.32
Capital	6.98	1.44	0.60	-	-	-	9.02	6.98	1.44	0.60	0.18	-	-	9.02
Sub Total	2,177.89	1.44	0.60	0.16	-	-	2,180.09	2,374.36	1.44	0.60	0.18	-	-	2,376.58



28. Finance Costs

399

For the year ended	31.03.2022							31.03.2021						
Particulars	Power	Irrigation	Flood Control	Subsidiary Activities	Multipurpose Dams	Over head Activities	Total	Power	Irrigation	Flood Control	Subsidiary Activities	Multipurpose Dams	Over head Activities	Total
Other Borrowing Cost	0.19	-	-	-	-	-	0.19	0.19	-	-	-	-	-	0.19
Bonds Servicing Expenses	86.35	-	-	-	-	-	86.35	103.30	-	-	-	-	-	103.30
Guarantee Fee	75.75	-	-	-	-	-	75.75	39.32	-	-	-	-	-	39.32
Other Misc Borrowing Expenses	0.59	-	-	-	-	-	0.59	-	-	-	-	-	-	-
Upfront Fees	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Sub Total	162.88	-	-	-	-	-	162.88	142.81	-	-	-	-	-	142.81
Total Direct Expenses	2,340.77	1.44	0.60	0.16	-	-	2,342.97	2,517.17	1.44	0.60	0.18	-	-	2,519.39
Inter Head Transfer	0.13	-	-	(0.16)	-	-	(0.03)	0.30	(0.02)	-	(0.18)	-	-	0.10
Total Share	0.13	-	-	(0.16)	-	-	(0.03)	0.30	(0.02)	-	(0.18)	-	-	0.10
Total - Direct & Share	2,340.89	1.44	0.60	-	-	-	2,342.93	2,517.47	1.42	0.60	-	-	-	2,519.49





29. Operation & Maintenance and General Administration Charges

(Rs. in Crore)

For the year ended	31.03.2022							31.03.2021						
Particulars	Power	Irrigation	Flood Control	Subsidiary Activities	Multipurpose Dams	Over head Activities	Total	Power	Irrigation	Flood Control	Subsidiary Activities	Multipurpose Dams	Over head Activities	Total
Consumption of Stores and Spare Parts	191.91	-	-	0.29	0.43	0.98	193.61	167.75	-	-	0.28	0.32	0.30	168.65
Repairs & Maintenance														
Buildings	56.60	-	-	2.98	1.18	1.50	62.26	56.24	-	-	1.22	0.82	1.41	59.69
Plant & Machinery	220.74	-	-	6.17	-	0.13	227.04	194.73	-	-	7.70	-	0.13	202.56
Construction Equipment	8.22	-	-	-	-	-	8.22	7.80	-	-	-	-	-	7.80
Others	88.89	0.04	-	1.75	8.05	15.07	113.80	105.62	-	-	1.77	6.14	15.76	129.29
Water Charges	154.86	-	-	-	-	-	154.86	130.90	-	-	-	-	0.05	130.95
Tariff Filing Fees	5.00	-	-	-	-	-	5.00	4.93	-	-	-	-	-	4.93
Taxes & Duties	3.72	-	-	0.17	0.05	1.01	4.95	5.49	-	-	0.21	-	1.09	6.79
Ash Evacuation and Utilization Expenses	166.28	-	-	-	-	-	166.28	150.20	-	-	-	-	-	150.20
Telephone Charges	1.18	-	-	0.01	0.01	0.21	1.41	1.15	-	-	0.01	0.01	0.21	1.38
Official Language Promotional Exp	0.08	-	-	0.02	0.01	0.03	0.14	0.05	-	-	0.03	0.01	0.02	0.11
Bank Charges	1.55	-	-	-	-	-	1.55	2.66	-	-	-	-	0.28	2.94
Legal Expenses	11.40	-	-	0.01	-	5.84	17.25	5.60	-	-	0.03	-	4.03	9.66
CISF and Other Security Expenses	290.75	-	-	0.66	0.63	48.60	340.64	300.31	-	-	0.66	0.66	54.36	355.99
Environment Protection and Other State Cess	0.68	-	-	-	-	-	0.68	0.02	-	-	-	-	-	0.02



29. Operation & Maintenance and General Administration Charges

For the year ended	31.03.2022							31.03.2021						
Particulars	Power	Irrigation	Flood Control	Subsidiary Activities	Multipurpose Dams	Over head Activities	Total	Power	Irrigation	Flood Control	Subsidiary Activities	Multipurpose Dams	Over head Activities	Total
Repair & Maintenance and Hiring of Vehicle	14.64	-	-	0.13	0.24	4.07	19.08	15.43	-	-	0.12	0.12	2.82	18.49
Insurance	40.14	-	-	-	-	0.57	40.71	40.83	-	-	0.01	0.01	0.28	41.13
Audit Charges	0.30	-	-	-	-	5.44	5.74	0.02	-	-	-	-	5.83	5.85
Rebate & Discount Allowed	121.94	-	-	-	-	-	121.94	93.93	-	-	-	-	-	93.93
SIP Expenses	4.27	-	-	2.14	0.09	0.58	7.08	4.80	-	-	1.65	0.09	0.55	7.09
Misc. General Overhead	7.33	-	-	-	0.03	0.59	7.95	2.73	-	-	-	0.06	0.21	3.00
Jubilee & Other Celebration Exp	0.16	-	-	-	-	0.07	0.23	0.05	-	-	-	-	0.18	0.23
Printing & Stationary	1.08	-	-	0.02	0.02	0.49	1.61	0.83	-	-	0.01	0.02	0.34	1.20
Postage & Telegraph	0.14	-	-	-	-	0.03	0.17	0.08	-	-	-	-	0.03	0.11
Rent	0.01	-	-	-	-	0.37	0.38	-	-	-	-	-	0.58	0.58



29. Operation & Maintenance and General Administration Charges

(Rs. in Crore)

For the year ended	31.03.2022							31.03.2021						
Particulars	Power	Irrigation	Flood Control	Subsidiary Activities	Multipurpose Dams	Over head Activities	Total	Power	Irrigation	Flood Control	Subsidiary Activities	Multipurpose Dams	Over head Activities	Total
Publicity & Advertisement	1.10	-	-	0.01	-	1.19	2.30	3.34	-	-	0.01	-	0.35	3.70
Entertainment	0.38	-	-	-	0.02	0.64	1.04	0.22	-	-	-	0.01	0.16	0.39
Outsourced Computerised Job	0.01	-	-	-	-	-	0.01	0.01	-	-	-	-	-	0.01
Other General Office Expenses	2.96	-	-	0.17	0.15	2.58	5.86	2.87	-	-	0.18	0.10	1.91	5.06
Electricity Charges to Outside Service Providers	0.75	-	-	-	0.01	1.46	2.22	0.97	-	-	-	-	1.18	2.15
Professional and Consultancy Charges	0.07	-	-	-	-	0.18	0.25	-	-	-	-	-	-	-
Brokerage and Commission	12.39	-	-	-	-	-	12.39	12.02	-	-	-	-	-	12.02
Meteorological Centre Expenses	-	3.71	-	-	-	-	3.71	-	2.80	-	-	-	-	2.80
Loss on Sale of Fixed Assets - written Off	0.48	-	-	-	-	-	0.48	-	-	-	-	-	-	-
Bad Debts - written off	-	32.30	-	-	-	-	32.30	-	-	-	-	-	-	-
Written off losses - others	0.41	-	-	-	-	-	0.41	-	-	-	-	-	-	-
Total Direct O&M Exp	1,410.42	36.05	-	14.53	10.92	91.63	1,563.55	1,311.58	2.80	-	13.89	8.37	92.06	1,428.70

29. Operation & Maintenance and General Administration Charges

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For the year ended	31.03.2022							31.03.2021						
Particulars	Power	Irrigation	Flood Control	Subsidiary Activities	Multipurpose Dams	Over head Activities	Total	Power	Irrigation	Flood Control	Subsidiary Activities	Multipurpose Dams	Over head Activities	Total
Provision for Loss On Fixed Assets	-	-	-	-	-	-	-	11.28	-	-	-	-	-	11.28
Provision for Doubtful Claims and Advances (Rev Exp)	155.47	-	-	-	-	-	155.47	0.13	19.32	-	-	-	-	19.45
Provision for Doubtful Debts (Rev Exp)	-	-	-	-	-	-	-	0.03	-	-	-	-	-	0.03
Provision for Shortage/ Obsolescence in stores (Rev Exp)	-	-	-	-	-	-	-	0.02	-	-	-	-	-	0.02
Provision for Diminution in value of Investment	-	-	-	-	-	-	-	0.01	-	-	-	-	-	0.01
Total Provisions	155.47	-	-	-	-	-	155.47	11.47	19.32	-	-	-	-	30.79
Sh of O&M Exp.	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Transfer to Fuel	(18.10)	-	-	-	-	-	(18.10)	(19.01)	-	-	-	-	-	(19.01)
Capitalized	(16.31)	-	-	-	-	-	(16.31)	(15.58)	-	-	-	-	-	(15.58)
CSO	(0.51)	-	-	-	0.01	-	(0.50)	(0.60)	-	-	-	0.01	-	(0.59)
Bermo	(3.52)	-	-	-	-	-	(3.52)	(2.34)	-	-	-	-	-	(2.34)
Inter Head Transfer	108.30	4.34	4.41	(14.53)	(10.93)	(91.63)	(0.04)	106.43	3.66	4.24	(13.89)	(8.38)	(92.06)	-
Total Share	69.86	4.34	4.41	(14.53)	(10.92)	(91.63)	(38.47)	68.90	3.66	4.24	(13.89)	(8.37)	(92.06)	(37.52)
Total - Direct & Share	1,635.75	40.39	4.41	-	-	-	1,680.55	1,391.95	25.78	4.24	-	-	-	1,421.97



Disclosure

Accounting Methodology

Pursuant to Gazette Notification of Government of India vide O.M no. GI/Sectt/ Gazette Notification-1249 dated 12th November 2012, the Balance Sheet and Statement of Profit & Loss of the Corporation is prepared on the basis of new formats as prescribed under Annexure – I & II of the Gazette Notification which is in line with the requirements of the Revised Schedule VI under the Companies Act of 1956.

Disclosure as per Accounting Standard -12 on Accounting for Government Grant

1. Revenue grants recognized during the year Rs. 0.49 crore (previous year NIL) for conducting awareness activities for Pradhan Mantri Kishan Urja Suraksha evam Utthaan Mahabhiyaan (PM KUSUM).
2. Grants received in earlier years on Capital Assets are distributed over the useful life of the Assets. The amount of Capital Grant as credited to the Statement of Profit & Loss is Rs. 0.03 crore (previous year Rs. 0.03 crore).

Disclosure as per Accounting Standard -15 Employee Benefits

Employee Benefits

1. **Contributory Provident Fund:** Corporation contributed at a predetermined rate to Contributory Provident Fund (CPF), which is charged to Profit & Loss Account. The fund is managed by the Corporation and invested in Govt. Securities, PSU Bonds. As per office order of the Corporation, one time option was given to the existing employees covered under CPF scheme to exercise option to switch over to GPF (Pension) Scheme, accordingly 63 Numbers of employees has availed this option.
2. **New Pension Scheme:** Corporation's contribution at stipulated rate is charged to Profit & Loss Account and deposited regularly, as per guidelines of Pension Fund Regulatory and Development Authority (PFRDA), on monthly basis in respect of employees who have joined on or after 01.01.2004.
3. **Gratuity:** Corporation has a defined benefit gratuity plan. Every employee who has rendered continuous service of five years or more is entitled to get gratuity at 15 days salary ($15/30 \times$ last drawn Basic Salary + Dearness Allowance) for each completed year of service subject to a maximum of Rs.20 lakh on superannuation, resignation, disablement or on death.
4. **Pension:** Corporation has a pension scheme as per the GOI rules for employees who have joined before 01.01.2004. The existing scheme is funded by the Corporation and managed by a separate trust and liability is recognized on the basis of actuarial valuation. The actuarial liability on account of pension and gratuity up to March'2022 was Rs 6,856 crore and the same has been provided in the accounts. Corresponding value of the Net Investment held by Trust on 31-03-2022 was Rs 6,122 crore. For the FY 2021-22 Corporation has provided a liability of Rs 734 crore for difference in the carrying value of Investment and liability as assessed by the actuary.

Disclosure

5. **Earned leave** is credited for 30 days annually, for each employee, which can be accumulated maximum up to 300 days at any point of service. Employee is entitled to en-cash, once in particular calendar year, 50% of his leave at his credit on the date intended to encash, subject to maximum of 20 days. On superannuation, an employee is also entitled to en-cash unutilized earned leave up to 300 days. Corporation has done actuarial valuation of Leave encashment in FY 2021-22 and liability as per valuation reports stands at Rs 328.05 crore. Corporation has already accounted for liability for leave encashment upto Rs 125.95 crore in earlier years. Balance liability of Rs 202.10 crore has been accounted for in FY 2021-22.
6. **CPRMAS** : Corporation has a Contributory Post Retirement Medical Assistance Scheme [CPRMAS] which provides medical benefits to the Executives and Non -Executives of DVC and their spouses, subsequent to their retirement / separation from the services of the Corporation under any of the GPF, CPF and NPS establishments. The purpose of the scheme is to provided Annual Medical assistance cover for hospitalisation / in-patient treatment /re-imbursement of the cost of diagnostic test for pre-operative and post operative period. During the FY 2021-22 Corporation has provided a liability of Rs 391 crore as per actuarial valuation.

Disclosure as per Accounting Standard -16 on Borrowing Cost

Borrowing Cost capitalized during the year is Rs 54.97 crore (previous year Rs. 53.76 crore.)

Disclosure as per Accounting Standard - 18 on 'Related Party Disclosures

- | | |
|---|---|
| 1. Related parties | 2. Key Management Personnel |
| Maithon Power Limited | Arup Sarkar (Member Finance) |
| DVC EMTA Coal Mines Ltd. | Sanjay Kumar Ghosh, ED (Fuel) |
| Damodar Valley Tourism Development Company Private Ltd. | Sajal Banerjee, ED (Operation) |
| Bokaro Power Supply Company (P) Limited | Sudhir Mukherjee, ED (Mining) |
| National High Power Testing Laboratory Private Limited | Joydeep Mukherjee, ED (Finance) |
| | Subodh Kumar Datta, ED (System) |
| | Satyabrata Banerjee, ED (Civil) |
| | Dipak Biswas, Addl. Secretary |
| | Sourendra Coomer Dutt, Sr. GM (Finance) |
| | Jagesh KumarMandiye, CE (Mining) |





Disclosure

3. Transactions with related parties at 1 above are as follows:

(Rs. in Crore)

Related Party	Contracts for works/ Services rendered by the Corporation	Loan/ Advance	Dividend Received	Purchase of Power/ Coal	Sale of Power	Sale of Water	Recoverable for Contracts for Works/ Services rendered	Payable for Contracts for Works/ Services received	Recoverable on account of deputation of employees	Payable for Purchase of Power / Coal	Recoverable for Sale of Power	Recoverable for Sale of Water
Maithon Power Ltd	3.98	Nil	0.00	423.14	0.37	21.95	0.14	Nil	Nil	58.52	0.19	3.43
Previous Year	0.18	Nil	46.80	261.56	0.44	16.91	25.71	Nil	Nil	56.56	0.17	3.27
DVC EMTA Coal Mines Ltd.	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil
Previous Year	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil
Damodar Valley Tourism Development Pvt. Ltd	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil
Previous Year	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil
Bokaro Power Supply Company (P) Limited	Nil	Nil	12.44	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil
Previous Year	Nil	Nil	55.81	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil
National High Power Test Laboratory Private Limited	1.84	18.40	Nil	Nil	Nil	Nil	1.62	Nil	Nil	Nil	Nil	Nil
Previous Year	1.84	18.40	Nil	Nil	Nil	Nil	1.74	Nil	Nil	Nil	Nil	Nil



Disclosure

- a. Remuneration to key management personnel for the year is (Nil) previous Year (Nil) and no amount there against is outstanding to the Corporation as on 31st March 2022 (previous year- Nil).
- b. Land of 1116 acres comprising Raiyati Land (565 acres), GM (115 acres) and Forest Land (436 acres) for MPL was acquired by DVC for construction of Maithon Right Bank Thermal Power Station (2x525MW). For Raiyati Land, Corporation has entered into an Indenture Deed for lease, pending mutation of the said Land in the Name of DVC. Regarding GM land and Forest Land, Corporation has approached the Government of Jharkhand (GoJ) seeking necessary permission for sub-leasing / Right to use etc. in favour of Maithon Power Limited. GoJ has turned down the request. Similar arrangement of land for construction of railway track connecting to the MPL plant has also been made.

Disclosure as per Accounting Standard - 27 on 'Financial Reporting of Interest in Joint Ventures

Company	No. of Shares (in Lakh)	Face Value (Rs. per Share)	31.03.2022 (Rs. in crore)
Maithon Power Limited.....	3923.20	10	392.32
Bokaro Power Supply Company (P) Limited.....	1240.25	10	124.02
DVC EMTA Coal Mines Ltd.....	2.60	10	0.26
Damodar Valley Tourism Development Company Private Limited...	0.25	10	0.03
National High Power Test Laboratory Private Limited.....	304.00	10	30.40



Disclosure

Proportion of Ownership Interest in Joint Ventures

Joint Venture Entities

Proportion (% age) of ownership interest as on.....	31.03.2022	31.03.2021
Maithon Power Limited.....	26	26
Bokaro Power Supply Company (P) Limited.....	50	50
DVC EMTA Coal Mines Ltd.....	26	26
Damodar Valley Tourism Development Company Private Limited.....	50	50
National High Power Test Laboratory Private Limited.....	20	20

Other Notes

1. Pursuant to the order of GOI, Ministry of Corporate Affairs dt 3rd February, 2022, the name of M/s Damodar Valley Tourism Development Private Limited, the joint venture company between DVC and IL&FS IDC Limited has been struck off from the Registrar of Companies and the said company stands dissolved w.e.f. 3rd February, 2022. Corporation has made an Investment of Rs 0.23 crore in the Joint venture Company.
2. As per Section 30 of DVC Act, the respective participating Governments have accumulated liabilities towards capital contribution amounting to Rs.44,523 crore (Pr. Yr. Rs. 41,940 crore) on account of cumulative capital expenditure incurred by the Corporation till 31st March, 2022.
3. Estimated amount of major contracts remaining to be executed on capital account and not provided for is Rs. 1,995 crore as on 31.03.2022 (previous year Rs. 2,641 crore)
4. Gross generation of Power through system during the current financial year is 41,264 MKWH (P.Y. 38,416 MKWH) and Import of Power (including Unscheduled Interchange) is 2,047 MKWH (P.Y. 1,751 MKWH). Total quantity of Power Sale is 39,755 MKWH (P.Y. 37,101 MKWH).
5. Quantity of water supplied during 2021-22 for Industrial & domestic purpose is 491.94 MKL (previous year 466.17 MKL) at average rate of Rs. 6.22 per KL (previous year Rs. 5.44 Per KL)
6. Investments are intended for long term and are carried at cost. Since, there is no diminution, other than temporary in the value of investment, carrying amount has not been reduced as per accounting policy.
7. The value of assets does not include the interest bearing securities deposited by the contractors and others and not accounted for in Financial Accounts.

Disclosure

8. Compensation paid in lieu of compassionate employment to the dependent of deceased regular employees has been accounted for at the time of final settlement as recognised by the management. One time compensation in lieu of employment for compassionate cases was enhanced, from existing Rs 5 lac to Rs 15 lac vide Corporation O&M dated 27-10-2020. The management estimate for existing liability of Rs. 27.54 crore for lumpsum compensation on compassionate ground has been existing in the Books of Accounts of DVC from 01.04.2010. Balance amount of Rs. 98.31 crore based on present estimate has been accounted for during the F.Y. 2021-22 for mitigating the future liability.
9. The amount of Claim of Rs 55.11 crore lodged to Railway Authority on account of missing wagon was rejected by Rail on the ground of being time barred. The matter is being taken up with the appropriate Railway Authority.
10. Amount received for Deposit Work, for construction of Transmission and distribution line, from consumers is initially accounted for as "Liability" and on completion of the job, the Liability Account is adjusted with the actual expenditure incurred on Deposit Work.
11. Dam Rehabilitation and Improvement Project (DRIP) has undertaken by Central Water Commission (CWC), Ministry of Water Resources (MoR), GOI with loan assistance of World Bank for rehabilitation and improvement of dams of various States and Central Agencies. Based on DVC's request, three dams viz. Konar, Maithon and Panchet have been approved by the CWC for rehabilitation under DRIP Scheme with an estimated cost of Rs. 139.35 crore. Under the scheme 40% of total cost will be funded by IBRD loan and IDA credit each and balance 20% through equity. Expenditure incurred towards DRIP scheme up to the March 2022 is Rs 112.78 crore (previous year Rs 104.82 crore) and booked under Capital Works-in-Progress. Fund received from World Bank in the form of Credit Assistance through CWC up to March 2022 is Rs. 80.15 crore. (previous year Rs 80.15 crore).
12. A Memorandum of Agreement (MOA) is made between the Ministry of Water Resources, River Development & Ganga Rejuvenation (MoWR, RD&GR), GOI and DVC under MoP for implementation of National Hydrology Project (NHP) from 2016-17 to 2023-24 as a Central Sector Scheme with World Bank Assistance. The fund will be provided by the World Bank as 100 % Grant-in-aid. During the FY 2021-22, amount of Rs. 9.66 crore (cumulative Rs. 19.66 crore) has been received as Grant-in-aid through MoWR and shown as "Receipt of Govt. Grant for NHP" under Current Liability group. Expenditure incurred towards NHP during FY 2021-22 amounting to Rs. 6.87 crore. (cumulative Rs. 19.74 crore.) shown as "Amount Receivable for NHP" under Current Asset group.
13. MOP, GOI has sanctioned two grant from Power System Development Fund (PSDF) towards Renovation and Upgradation of control and protection system and Replacement of substation equipments of 220KV/132KV/33KV Ramgarh substation of the Corporation. The sanctioned amount of Estimated costs for Renovation and Upgradation of control and protection system and replacement of substation equipment of 220KV/132KV/33KV Ramgarh substation are Rs. 156.11 crore and Rs. 28.85 crore respectively. The value of grants sanctioned are Rs. 144.71 crore and Rs. 25.96 crore being 90% of the estimated sanctioned cost. During the FY 2021-22 Grant of Rs. NIL (Cumulative Rs. 125.39 crore) has been received from PSDF for replacement of substation equipment of 220KV/ 132KV/ 33KV Ramgarh substation and Renovation and Upgradation of control and protection system besides cumulative Interest of Rs 3.90 crore.





Disclosure

14. M/s Reliance Infrastructure Ltd [RIL] was given Turnkey contract for construction of (2 * 600 MW) Raghunathpur Thermal Power Station at West Bengal. RIL has claimed compensation by invocation of arbitration clause and arbitration award was given on 21-12-2019 in favour of RIL. DVC filed an appeal before Hon'ble High Court of Kolkata on 20-01-2020 for setting aside the arbitration award u/s 34 of the Arbitration Act and for stay of award under sec 36 (2) of the Arbitration Act. On 23-12-2021 Hon'ble High Court of Kolkata passed an order that there shall be a stay in execution of the arbitral award subject to the condition that DVC shall deposit of Rs. 898 crore, as security deposit (50% as cash security and 50% by way of Bank Guarantees of a nationalized bank) within 4 weeks from the date of order with the Registrar, Original side, High Court, Kolkata. The security deposit shall remain with the court till disposal of the application of DVC under Section 34. Aggrieved by the order of High Court, DVC filed a Special Leave Petition [SLP] before the Supreme Court of India. The Apex court vide its order dt 25-04-2022 and 31-05-2022 directed DVC to deposit Rs 898 crore with the Registrar of High Court, Kolkata and allowed eight weeks of extension for deposit of amount. Without Prejudice the right of DVC, provision of Rs 782 crore has been made on 31st March, 2022, after adjustment of liability of Rs. 116 crore.
15. With a view to induct the Supercritical technology through bulk tendering, GOI in October 2009 approved installation of project (RTPS –Phase-II) of 1320 MW (2X660MW) for DVC at Raghunathpur. In absence of long-term PPA and sluggish demand for power and paucity of fund, Corporation in July 2016 accorded approval for termination of contracts for RTPS Phase-II. However, considering the status of the project initiation process for revival plan of Raghunathpur TPS Ph-II (2X660MW-Supercritical) has been approved by the DVC Board in March 2018. M/S Deloitte was engaged for preparation of due diligence study report of the project. Agency submitted revised final report in July 2019. DVC is actively considering for revival of the project.
16. In terms of provision of gazette notification dated 3rd November'2009 issued by Ministry of Environment and Forests, Government of India, sale proceeds of fly ash is to be accounted separately and to be utilised towards expenditure on development of infrastructure/facilities, promotion and facilitation activities for use of fly ash. During the FY 2021-22 sale of fly ash amounted to Rs. 41.40 crore and expenditure incurred amounted to Rs 9.33 crore.
17. Ministry of Coal, GOI has allotted two Coal Mines to DVC, Khagra Joydev Coal Mine (West Bengal) and Tubed Coal Mine (Jharkhand) for coal linkage of MTPS (Unit -7&8) and CTPS (unit-8). Mine Developer cum Operator (MDO) for the two coal blocks were engaged and the process for acquisition of land for development of coal mine for Tubed Coal block is in progress. During the FY 2021-22 Corporation has made a provision for Rs 155.47 crore towards expenditure incurred for development of Khagra Joydev Coal block due to the decision taken by the Board for surrendering the Coal block.
18. Corporation has made a deposit of Rs. 4.00 crore with Jharkhand Commercial Tax Department against demand for Electricity duty and the same is being contested.
19. Land Measuring 126.15 acres was acquired by DVC from M/s Durgapur Steel Plant [DSP] a division of SAIL for Construction of Ash Pond at DSTPS Plant. A formal agreement in this regard is about to be executed.
20. In addition to the existing policy on Depreciation, Corporation has made some changes in the rate of depreciation to be charged to New Units effective from 1st April, 2022. The rate of depreciation for new units commissioned after 01-04-2022 will be charged as per CERC Regulation. However, depreciation will continued to be charged as per existing depreciation rate mentioned in the accounting policy on existing units already commissioned and any additions made on Fixed Assets there to..

Disclosure

21. During the FY 2021-22, Corporation has accounted Rs 104 crore as "Remission of Liabilities" for unclaimed liabilities appearing in the books from past several years. If in future, any legitimate claim is received against the remission of liability already accounted for, then payment will be made accordingly.
22. The mining Lease of Bermo Mines has expired in December 2015. DVC had applied for renewal of the same, but Ministry of Coal insisted on handing over the mines to CCL and as per the decision taken by Ministry of Power operations of the mines has been handed over to CCL. Modalities for handing over the existing assets and infrastructure of Bermo Mines by DVC to CCL including the consideration there of is yet to be arrived at.

Contingent Liabilities


1. Claim against the Company not acknowledged as debts in respect of :-


a) Works Contract

- i. Some of the contractors for supply and installation of equipment and execution of works have lodged claim on the Company for Rs. 648.85 crore (Previous year Rs.1,895.42 crore) seeking enhancement of the contract price, revision of work schedule with price escalation, compensation for the extended period of work etc. These claims are being contested by the Company as being not admissible in terms of the provisions of the respective contracts.
- ii. The Company is pursuing various options under the dispute resolution mechanism available in the contracts for settlement of these claims. It is not practicable to make a realistic estimate of the outflow of resources if any, for settlement of such claims pending resolution.

b) Others

- i. In respect of claims made by various States/Central Government departments /Authorities towards fees, penalty, tax, cess etc. and by others contingent liability of Rs. 25.46 crore (previous year Rs. 407.06 crore) has been estimated.
- ii. In respect of claims made by various Private Companies /Private Parties etc. and by others contingent liability of Rs.1.50 crore (previous year Rs.1.50 crore) has been estimated.


Arup Sarkar
Member (Finance)


R. N. Singh
Chairman

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Management Reply to Audit Comments for the Financial Year **2021-22**

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**MANAGEMENT REPLY TO AUDIT COMMENTS FOR THE FINANCIAL YEAR 2021-22**

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AUDIT COMMENT	MANAGEMENT REPLY
Balance Sheet Assets Current Assets Cash and Cash Equivalents (Note-20): ₹ 198.75 crore	1 (a) The identification vis-à-vis accounting of receipts is done manually; there is no integrated system like ERP in place, sometimes, this leads to a stretched exercise of identification which is a time taking procedure. However, ₹ 34.58 crore has already been identified and duly accounted for in FY 2022-23. The remaining balance amount will be accounted for in consultation with Bank and other departments of DVC.
1 (a). This is understated by ₹ 36.28 crore due to non-accountal of energy charges received from the consumers during February 2020 to March 2022 directly through the EBA Bank account of the DVC. This has also resulted in overstatement of Trade Receivables by the same amount.	
1 (b). This balance is overstated by ₹ 49.67 crore due to non-accountal of payments made through LC towards supply of FGD equipment for power plants. In absence of details of invoices/bills and SRINs, its impact on assets and liabilities could not be verified in Audit.	1 (b). A part of payment relating to FGD (related to Construction work in progress) is done through Letter of Credit [LC]. The Bills are submitted by the vendor to the bank and payment is made directly by the bank to the vendor. As some of the details submitted by the bank was in piecemeal basis, so, in absence of bill wise details, one to one co-relation could not be established. However, it has already been accounted for in FY 2022-23. It may be appraised that this is just a stretched exercise which depends on documents received from Banks and any delay on the part of Bank results into accounting overlapping the financial year.
1 (c). An amount ₹ 1.25 crore was directly deducted by Punjab National Bank (erstwhile UBI) from Corporation's Cash Credit Account on 15.06.2021 towards annual processing fee for the year 2021-22. DVC stated that the processing charges deducted by Bank was not related to DVC and they had taken up the matter with Bank for reversal of the amount. However, the amount was not reversed (credit back) till approval of the accounts by Board on 10 August 2022. Hence the above balance is overstated to that extent.	1(c). An amount of ₹ 1.25 crore was charged by PNB – CC A/c No. 82250010682 (erstwhile United Bank of India) on 15-06-2021 as Annual Processing Fees. The said fees charged by the Bank was not related to DVC. It has been intimated to bank to reverse the amount vide letter dt 26-10-2021 but till date the same has not been reversed, hence appearing in BRS. Further reminder letters were issued to PNB on different dates to set right the matter. PNB has intimated that they are looking after the matter in consultation with their HQ and on receipt of advice from their HQ, action will be taken for refund / reversal of the said deducted amount. However, pending the confirmation from PNB the same has been accounted for as Bank charges during the FY 2022-23. As soon as the refund is received from PNB, the same will be accounted for accordingly.



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AUDIT COMMENT	MANAGEMENT REPLY
<p>Statement of Profit & Loss</p> <p>Revenue</p> <p>Revenue from Operations (Note-23)</p> <p>Supply of Power: ₹ 21,799.31 crore</p> <p>2. This includes a sum of ₹ 24.63 crore being the amount booked as "unbilled revenue" against the cost of power purchased from Maithon Power Limited (MPL) during the period from April 2012 to December 2021 (₹ 21.72 crore) and from January to March 2022 (₹ 2.91 crore). The MPL raised the bills during March to May 2022, based on the CERC's tariff order dated 8 January 2022. DVC accounted for the arrear power purchase cost raised by MPL as "expenses" and simultaneously credited to the "Revenue" as "unbilled revenue" anticipating that the same would be recovered in distribution tariff. The fact is that DVC raises the power supply bills on its customers as per prevailing tariff notified by the State Regulatory Commissions (SERCs) and recovering of the cost of power purchased in earlier year(s) is subject to truing up tariff order by SERCs based on the petitions to be filed by DVC.</p> <p>Hence, recognition of the entire amount as revenue in absence of any tariff order of Regulatory Commissions has resulted in overstatement of revenue from operation leading to overstatement of Profit and Other Current Assets (Unbilled Revenues) by ₹ 24.63 crore each.</p>	<p>2. At the time of determining the Aggregate Revenue Requirement (ARR) for distribution tariff, both the state regulatory commissions in past have allowed the total power purchase cost. Also, Appellate Tribunal for Electricity, New Delhi, in para (j) of Appeal No. 255 dt. 23.03.2016 directed the State Commission to consider the entire fixed cost of power purchase. The West Bengal Electricity Regulatory Commission vide order dt 05-05-2022 has admitted the total power purchase cost which was claimed by DVC in respect of FY 2017-18. So factually that there is no uncertainty of recovery of the power purchase cost incurred by DVC through tariff.</p>
<p>Other Income (Note-24)</p> <p>Delay Payment Surcharge (DPS): ₹ 571.95 crore</p> <p>3. This includes a sum of ₹ 66.39 crore being the Delayed Payment Surcharge (DPS) bills raised by DVC during January 2021 to June 2021 on 10 Industrial Consumers for the period 2006-2013 based on the tariff order passed (March/June 2020) by WBERC.</p>	<p>3. Delay Payment Surcharge (DPS) has been claimed in respect to the non-payment of Power dues to DVC in terms of the order dated 10.05.2010 of the Appellate Tribunal read with the order dated 06.08.2009 & 23.06.2011 of the Central Commission.</p> <p>The consumer had the obligation to pay the bill raised in terms of provisional tariff orders or final tariff orders of the Central Commission in due time. If the consumers fail to do so they are liable to pay DPS.</p> <p>While most of the consumers did pay/ duly adjusted the dues of the monthly bills, raised in pursuance to the above orders, some did not pay, raising legal issues. Ultimately, after the Central Commission determined the tariff vide order dated 27.09.2013 and the Hon'ble Supreme Court passed the order dated 18.01.2017, the consumers who did not pay for the period 2010-13 sought for payment to be made in instalments and also subject to final determination of distribution and retail supply tariff by WBERC.</p>



AUDIT COMMENT	MANAGEMENT REPLY
<p>Despite enforcement of Electricity Act 2003 (w.e.f June 2003), DVC did not approach to the CERC/State Regulatory Commissions to determine its tariff and continued to fix its own tariff as per the provisions of DVC Act, 1948. The authority of DVC to fix the tariff was challenged in different Courts and finally, on the basis of the judgment of Supreme Court of India, the tariff for the period 2006-13 was fixed by WBERC. Consequently, DVC raised the bills on the consumers with DPS against the arrear payments. The above decision of DVC was challenged by the Consumers in High Court of Calcutta wherein, the Court vide order dated 24.01.2022, held that bills were raised for the first time after fixation of final tariff and as such, charging of DPS is illegal and baseless and thus, bills raised by DVC on account of DPS stands cancelled and revoked.</p> <p>Hence, recognition of DPS despite of revocation order by Court and also in contravention of its own accounting policies (refer para-13.3) that "<i>DPS is recognized when no significant uncertainty as to collectability exists</i>" has resulted in overstatement of the above head leading to overstatement of Profit by ₹ 66.39 crore with corresponding overstatement of Current Assets (Trade Receivable) to the same extent.</p>	<p>DVC proceeded to accept the payment in instalments pending the final decision by the WBERC and did not proceed to enforce the recovery of the DPS, pending the decision from the WBERC. DVC, however, did not agree to waive the recovery of Delayed Payment Surcharge. DVC waited till the order dated 19.03.2020 from WBERC and DPS were claimed after issuance of such order by WBERC.</p> <p>However, DVC appealed before Division Bench of High Court Kolkata against the verdict dt.24-01-2022. At present the matter is subjudice. necessary adjustment in the accounts will be made after final verdict of the court.</p> <p>It may be appreciated that most of the consumers paid or adjusted the dues of monthly bills in pursuance to the above order, is itself a test that there is no significant uncertainty in realizing such dues.</p>
<p>Expenses</p> <p>Cost of power purchase (Note-25)</p> <p>Purchase of power through Exchange: ₹ 342.19 crore</p> <p>4. This has been understated by ₹ 23.24 crore due to non-accountal of cost of power purchased from Power Exchange-IEX during the month of August 2021 for which payment was made online through IEX Settlement Account maintained with SBI, Corporate Accounts Branch, Kolkata in the same month.</p> <p>This has also resulted in overstatement of Profit for the year by ₹ 23.24 crore with corresponding overstatement of Cash and Cash Equivalents to the same extent.</p>	<p>4. DVC purchases power from Power Exchange based on requirements on payment basis. Amount is blocked by the exchange, thereafter purchase transaction can be carried out. Viewing rights of the particular bank account could not be utilised properly. So, BRS could not be prepared in time.</p> <p>However, during FY 2022-23, BRS has been prepared and necessary entry for purchase of power has been passed.</p>



AUDIT COMMENT

Operation & Maintenance and General Administrative Charges (Note 29)

Ash Evacuation and Utilisation Expenses: ₹ 166.28 crore

5. This is understated by ₹ 20 crore due to non-provision of liability towards damage of crops and agricultural land at Mejia Thermal Power Station (MTPS) on account of breach of Ash Dyke in September 2021. The amount was provisionally assessed at ₹ 36.88 crore as per the order of National Green Tribunal (NGT). Pending final assessment of the claim, DVC deposited ₹ 20 crore with DM, Bankura as interim compensation as per the order (9 May 2022) of NGT. Hence, the liability to the extent of deposit should have been provided for in the accounts.

Non-provision of the above has also resulted in over statement of Profit by ₹ 20 crore.

MANAGEMENT REPLY

5. Due to cloud burst in Mejia Thermal Power Station (MTPS) and surrounding areas in Bankura district, West Bengal on 29.09.21 late night with excessive rainfall, some portion of the dyke (pond#2) was breached resulting inflow of ash slurry to the nearby land. The West Bengal Pollution Control Board directed Block Development Officer (BDO) to assess the amount of damage caused to the farmers happened due to breaching. As the BDO could not intimate the damage, the Hon'ble National Green Tribunal after its hearing on 31st March, 22 directed the District Magistrate, Bankura to assess the damage caused to the farmers due to the incident. Accordingly, the D.M., Bankura vide affidavit dated 03.05.22, submitted a preliminary assessment of damage to the tune ₹ 36.88 crore and prayed for some more time for actual assessment. The preliminary assessment of damage consists of two components:

- 1) Total expected monetary value of crop affected as reported by Asst. Director of Agriculture, G.Ghati, GoWB: ₹ 8.92 crore (approx.), and
- 2) Total valuation of damaged land: ₹ 27.96 crore (land damage was assessed by taking market price of the Land for 1012.63 acres of land in 8 Mouzas).

After receipt of the affidavit, the NGT passed an order on 9th May, 2022 by giving direction for constituting a four-member committee comprising of:

1. Regional Officer, MoEF&CC.
2. Regional Officer, Central Pollution Control Board
3. Officer from West Bengal Pollution Control Board and
4. D.M., Bankura.

NGT directed that the joint committee may consider the report of the DM as tentative report and finalize the quantum of compensation within three months after giving opportunity to DVC. The committee may also prepare an action plan with head-wise estimated cost of restoration of damage to the environment and facilities/ compensation to the affected persons. Pending finalization, DVC may deposit interim compensation of ₹ 20 crore with DM, Bankura which may be kept in a separate account be utilized for execution of the restoration plan in the manner approved by the committee subject to further order by the Hon'ble Tribunal.

List for further consideration was scheduled on 17.10.22 but the same has been deferred.

As the matter is subjudice, accounting effect will be given based on the final order of Hon'ble NGT. However, as the case is pending before the NGT the amount has been shown as Contingent liability.



AUDIT COMMENT	MANAGEMENT REPLY
Notes to Accounts	
<p>6 (a). Based on the ARR petition filed by DVC, the WBERC passed the tariff order (5 May 2022) for the year 2017-18 to be effective from April 2017 onwards till further tariff order by WBERC. In the said tariff order, WBERC allowed certain additional expenditure to DVC. Accordingly, DVC booked ₹ 1767.62 crore as unbilled revenue and ₹ 136.75 crore as Electricity Duty. Subsequently, it raised the bills on consumers which was challenged in the Appellate Tribunal for Electricity (APTEL). The Tribunal vide order dt 21st June, 2022 granted stay on the payment of arrears. Since, the revenue booked became disputed, a suitable disclosure in this regard should have been made in the accounts, considering its materiality.</p>	<p>6 (a). Electricity bills to the West Bengal firm consumers are raised as per order of Hon'ble WBERC dt. 05.05.2022. A section of consumers has moved to the Calcutta High Court against the order. The Hon'ble Court ordered that no coercive action can be taken for non payment of the arrear bill till final judgement but regular bill is to be paid by the consumers. The regular bill is being raised based on the Tariff order dated 05.05.2022. The final verdict is yet to come.</p> <p>As on date, some consumers have paid their arrear bills, hence the same has not been disclosed</p>
<p>6 (b) Trade Receivable (Note-19) includes a sum of ₹ 341.77 crore being the DPS receivable from BSES Yamuna Power Limited (BYPL) which was disputed by BYPL on the ground that DVC calculated the DPS on arrear amount (October 2011 to January 2017) derived at after adjustment of payments towards previous arrear of DPS and then with principal amount. The policy of adjustment of payment against DPS first and then with principal was neither mentioned in PPA executed with BYPL nor any guidelines/instructions was issued by CERC. CERC subsequently notified (22 February 2021) Electricity (LPSC) Rules 2021 wherein, the above policy was enforced from the date of notification. However, DVC has filed petition before CERC (319/MP/2019) for passing a favorable judgment in this regard, which is pending for disposal. The fact should have been disclosed in the accounts.</p>	<p>6 (b) In the PPA with BYPL there was no clause regarding payment appropriation methodology. In 2021, MOP has issued order of appropriation methodology. Inherent meaning of the order of MOP is that DPS bills will be adjusted first then Power bills.</p> <p>In this regard the decision of the Constitution Bench of the Hon'ble Supreme Court in Gurpreet Singh vs. Union of India and Others (2006) 8 SCC 457 also emphasized in adjustment of DPS first.</p> <p>DVC had signed the long term PPA on 24.08.2006 with DTL i.e. Delhi Transco Limited which is a Government entity. DVC has no separate PPA with BYPL. The same PPA was vested with BYPL, BRPL & TPDDL – three Distribution Licensee of Delhi - by Delhi Electricity Regulatory Commission (DERC) vide its Order dated 31.03.2007.</p> <p>At the time of signing of PPA with DTL in the year 2006, there was no specific clause regarding payment appropriation method in CERC Regulation.</p> <p>The said method introduced in CERC (Terms & Conditions of Tariff) (Second Amendment) Regulation'2021 vide Notification dated 19.02.2021 but the spirit of adjustment of dues against payment was prioritised as DPS be the first element to be charged to.</p> <p>Moreover, the matter is subjudice before CERC. Necessary adjustment in the accounts will be made after final verdict of the court with proper disclosure.</p>

ANNEXURE-24



**CENTRAL ELECTRICITY REGULATORY COMMISSION
NEW DELHI**

Petition No. 482/TT/2020

Coram:

**Shri I. S. Jha, Member
Shri Arun Goyal, Member
Shri P. K. Singh, Member**

Date of Order: 23.07.2022

In the matter of:

Corrigendum to order dated 10.06.2022 in Petition No. 482/TT/2020

AND

In the Matter of:

Approval under Regulation 86 of the Central Electricity Regulatory Commission (Conduct of Business) Regulations, 1999 and truing up of transmission tariff of 2014-19 period under the Central Electricity Regulatory Commission (Terms and Conditions of Tariff) Regulations, 2014 and determination of transmission tariff of 2019-24 period under the Central Electricity Regulatory Commission (Terms and Conditions of Tariff) Regulations, 2019 in respect of "Existing Transmission and Distribution (T&D) System Network" of Damodar Valley Corporation in Eastern Region.

And in the matter of:

Damodar Valley Corporation,
DVC Towers, VIP Road,
Kolkata-700054.

.... Petitioner

Versus

1. West Bengal State Electricity Distribution Company Limited,
(Previously West Bengal State Electricity Board),
Vidyut Bhawan, Block 'DJ', Sector-11, Salt Lake City,
Kolkata-700091.
2. Jharkhand Bijlee Vitran Nigam Limited,
Engineer's Building, Dhurwa,
Ranchi-834004.

...Respondent(s)





CORRIGENDUM

The Commission vide order dated 10.6.2022 in Petition No. 482/TT/2020 has trued-up the tariff of the 2014-19 tariff period under the Central Electricity Regulatory Commission (Terms and Conditions of Tariff) Regulations, 2014 and determined tariff for 2019-24 tariff period under the Central Electricity Regulatory Commission (Terms and Conditions of Tariff) Regulations in respect of "Existing Transmission and Distribution (T&D) System Network" of Damodar Valley Corporation in Eastern Region.

2. It is observed that certain inadvertent errors have crept in the order dated 10.6.2022 in respect of debt-equity ratio allowed as on 1.4.2019, O & M Expenses allowed for transformer capacity and sub-station bays for 2019-24 Period.

3. Therefore, in terms of the Regulation 111 read with Regulation 103A of the Central Electricity Regulatory Commission (Conduct of Business) Regulations, 1999, the said inadvertent errors are being corrected as under.

4. The debt-equity allowed as on 1.4.2019 in paragraph 173 of the order dated 10.6.2022 is corrected and be read as follows:

Funding	Capital Cost (as on 1.4.2019) (In ₹ Lakh)	(in %)	Capital Cost (as on 31.3.2024) (In ₹ Lakh)	(in %)
Debt	112242.60	67.45%	120325.37	67.66%
Equity	54167.48	32.55%	57509.48	32.34%
Total	166410.08	100.00%	177834.85	100.00%

5. Consequent upon rectification as above, Interest on Loan allowed for 2019-24 tariff period in paragraph 179 of the order dated 10.6.2022 is corrected and be read as follows:

Particular	2019-20	2020-21	2021-22	2022-23	(₹ in lakh) 2023-24
Gross Normative Loan	112242.60	115532.39	118529.78	119593.81	119896.26
Cumulative Repayments up-to Previous Year	105184.81	105184.81	106063.45	108954.42	109921.83
Net Loan-Opening	7057.79	10347.58	12466.33	10639.40	9974.42
Addition due to ACE	3354.19	3102.67	1101.05	302.72	435.72



Particular	2019-20	2020-21	2021-22	2022-23	2023-24
De-Capitalisation	-64.41	-105.28	-37.02	-0.28	-6.61
Repayment during the year	0.00	878.65	2890.96	967.42	475.21
Net Loan-Closing	10347.58	12466.33	10639.40	9974.42	9928.33
Average Loan	8702.69	11406.95	11552.86	10306.91	9951.38
Weighted Average Rate of Interest on Loan (in %)	10.12%	10.15%	10.15%	10.15%	10.15%
Interest on Loan	880.71	1157.81	1172.62	1046.15	1010.06

6. Consequent upon the above rectification, Return on Equity allowed for 2019-24 tariff period in paragraph 181 of the order dated 10.6.2022 is corrected and be read as follows:

Particulars	2019-20	2020-21	2021-22	2022-23	2023-24
Opening Equity	54167.48	55540.59	56765.02	57199.89	57329.34
Addition due to ACE	1437.51	1329.72	471.88	129.74	186.74
DE-Capitalisation	-64.41	-105.28	-37.02	-0.28	-6.61
Closing Equity	55540.59	56765.02	57199.89	57329.34	57509.48
Average Equity	54854.03	56152.80	56982.45	57264.62	57419.41
Return on Equity (Base Rate) (in %)	15.50%	15.50%	15.50%	15.50%	15.50%
Tax Rate applicable (in %)	0.000%	0.000%	0.000%	0.000%	0.000%
Rate of Return on Equity (Pre-tax)	15.500%	15.500%	15.500%	15.500%	15.500%
Return on Equity (Pre-tax)	8502.38	8703.68	8832.28	8876.02	8900.01

7. The table under paragraph 189 of the order dated 10.6.2022 allowing O & M Expenses for the 2019-24 tariff period is corrected and be read as follows:

Particulars	2019-20	2020-21	2021-22	2022-23	2023-24
Transmission Line claimed	1623.46	1681.19	1739.63	1802.18	1863.75
Transmission Line allowed	1623.46	1681.19	1739.63	1802.18	1863.75
Sub-station bays claimed	31107.46	32192.58	33332.25	34493.50	35711.39
Sub-station bays allowed	24946.25	25815.82	26730.36	27661.20	28638.32
Transformer Capacity claimed	3040.67	3151.99	3263.31	3377.13	3497.20
Transformer Capacity allowed	2144.05	2221.75	2301.60	2380.27	2467.78
Communication claimed	1176.41	1212.31	1249.40	1287.72	1327.31
Communication allowed	1176.41	1212.31	1249.40	1287.72	1327.31



Particulars	2019-20	2020-21	2021-22	2022-23	2023-24
Total O&M Expenses for Existing T&D system claimed	36948.00	38238.07	39584.59	40960.53	42399.65
Total O&M Expenses for Existing T&D system Allowed	29890.17	30931.07	32020.99	33131.37	34297.16

8. Consequent upon rectification as above, Interest on Working Capital allowed in paragraph 203 of the order dated 10.6.2022 is corrected and be read as follows:

Particulars	2019-20	2020-21	2021-22	2022-23	2023-24
(₹ in lakh)					
Maintenance Spares (Maintenance Spares @15% of O&M Expenses)	4,483.53	4,639.66	4,803.15	4,969.71	5,144.57
O&M Expenses (O&M Expenses for one month)	2,490.85	2,577.59	2,668.42	2,760.95	2,858.10
Receivables (Receivables equivalent to 45 days of annual fixed cost)	5,006.18	5,311.32	5,708.31	5,599.81	5,670.26
Total Working Capital	11,980.56	12,528.57	13,179.88	13,330.47	13,672.93
Rate of Interest on working capital (in %)	12.05	11.25	10.50	10.50	10.50
Interest on Working Capital	1,443.66	1,409.46	1,383.89	1,399.70	1,435.66

Annual Fixed Charge

9. The Annual fixed charges approved for the 2014-19 tariff period in paragraph 218(a) and additional expenses allowed in paragraph 218(b) of order dated 10.6.2022 have been merged into one table in paragraph 218. Accordingly, paragraph 218(a) and 218(b) stands deleted. The modified table under paragraph 218 be read as follows:

Particulars	2014-15	2015-16	2016-17	2017-18	2018-19
(₹ in lakh)					
A. Annual Fixed Charges:-					
Depreciation	13876.32	14200.21	14439.27	12245.73	231.41
Interest on Loan	1035.75	342.06	44.38	336.83	670.25
Return on Equity	9041.97	9213.14	9334.60	8910.16	8384.88
Interest on Working Capital	3137.32	3238.79	3358.63	3433.83	3278.22
O&M Expenses	46810.53	48729.98	50873.13	53203.42	55472.47



Particulars	2014-15	2015-16	2016-17	2017-18	2018-19
Sub-Total(A)	73901.89	75724.18	78050.01	78129.97	68037.23
B. Additional Expenses Allowed: -					
Common office expenses apportioned to T&D network	105.10	99.82	99.43	107.37	112.07
Sinking fund for T&D assets of DVC	2394.71	2394.71	2394.71		
DVC's share of savings in interest cost due to loan restructuring				72.32	108.02
Sub-Total(B)	2499.81	2494.53	2494.14	179.69	220.09
Total (A+B)	76401.70	78218.71	80544.15	78309.66	68257.32

10. The revised Annual fixed charges approved for the 2019-24 tariff period in paragraph 220 and additional expenses allowed in paragraph 221 of order dated 10.6.2022 stands, corrected and merged into one table in paragraph 220 and paragraph 221 stands deleted. The modified table under paragraph 220 be read as follows:

Particulars	2019-20	2020-21	2021-22	2022-23	2023-24
A. Annual Fixed Charges:-					
Depreciation	0.00	878.65	2890.96	967.42	475.21
Interest on Loan	880.71	1157.81	1172.62	1046.15	1010.06
Return on Equity	8502.38	8703.68	8832.28	8876.02	8900.01
Interest on Working Capital	1,443.66	1,409.46	1,383.89	1,399.70	1,435.66
O&M Expenses	29890.20	30931.07	32020.99	33131.37	34297.16
Sub Total (A)	40716.95	43080.67	46300.74	45420.66	46118.10
B. Additional Expenses Allowed: -					
Common office expenses apportioned to T&D network	113.35	121.65	123.18	105.93	96.56
DVC's share of savings in interest cost due to loan restructuring	12.85	17.13	11.09	5.84	4.27
CISF & Other Security Expenses	2060.08	2132.27	2206.99	2284.32	2364.37
SubTotal (B)	2186.28	2271.05	2341.26	2396.09	2465.20
Total (A+B)	42903.23	45351.72	48642.00	47816.75	48583.30

11. Except for the above, all other terms contained in the order dated 10.6.2022 in Petition No.482/TT/2020 remains unchanged.

sd/-
(P. K. Singh)
Member

sd/-
(Arun Goyal)
Member

sd/-
(I. S. Jha)
Member



**CENTRAL ELECTRICITY REGULATORY COMMISSION
NEW DELHI**

Petition No. 205/GT/2020

Coram:

**Shri I.S Jha, Member
Shri Arun Goyal, Member
Shri Pravas Kumar Singh, Member**

Date of Order: 30th November, 2022

In the matter of

Petition for truing up of annual fixed charges for the 2014-19 tariff period and for determination of tariff for the 2019-24 tariff period in respect of Unit-4 of Mejia Thermal Power Station (210 MW).

And

In the matter of

Damodar Valley Corporation,
DVC Towers, VIP Road
Kolkata

...Petitioner

Vs

1. West Bengal State Electricity Distribution Company Limited
Block 'DJ' Sector-11, Salt Lake City
Kolkata – 700 091
2. Jharkhand Bijli Vitran Nigam Limited
Engineering Building, HEC, Dhurwa,
Ranchi- 834 004

...Respondents

Parties Present:

Ms. Anushree Bardhan, Advocate, DVC
Ms. Srishti Khindaria, Advocate, DVC
Shri Manik Rakshit, DVC
Shri Subrata Ghosal, DVC
Shri Samit Mandal, DVC
Shri Arnab Kr. Sinha, DVC
Shri Rajiv Yadav, Advocate, DVPCA (Objector)



ORDER

This petition has been filed by the Petitioner, Damodar Valley Corporation, for truing-up of tariff of Mejia Thermal Power Station, Unit-4 (1 x 210 MW) (in short "the generating station") for the 2014-19 tariff period, in terms of Regulation 8(1) of the Central Electricity Regulatory Commission (Terms and Conditions of Tariff) Regulations, 2014 (hereinafter referred to as "the 2014 Tariff Regulations") and for determination of tariff of the generating station for the 2019-24 tariff period, in accordance with the provisions of the Central Electricity Regulatory Commission (Terms and Conditions of Tariff) Regulations, 2019 (in short 'the 2019 Tariff Regulations').

2. The Petitioner is a statutory body established by the Central Government under the Damodar Valley Corporation Act, 1948 (hereinafter referred to as the 'DVC Act, 1948') for the development of the Damodar Valley, with three participating Governments, namely, the Central Government, the Government of West Bengal and the Government of Jharkhand. The generating station is a non-pit head station with one Unit having a capacity of 210 MW. The actual date of commercial operation of Unit-4 of the generating station is 13.2.2005.

Background

3. Petition No. 66/2005 was filed by the Petitioner for approval of the revenue requirements and for determining the tariff for electricity related activities, that is, the generation, transmission and distribution of electricity, undertaken by it for the period from 1.4.2004 to 31.3.2009. The Commission by its order dated 3.10.2006 determined tariff in respect of the generating stations and inter-state transmission systems of the Petitioner, after allowing a special dispensation to the petitioner to continue with the prevailing tariff till 31.3.2006. Against the Commission's order dated 3.10.2006, the Petitioner filed Appeal No.273/2006 before the Appellate Tribunal for Electricity



Annual Fixed Charges

277. Based on the above discussion, the annual fixed charges allowed for the generating station for the 2019-24 tariff period is summarized as follows:

	2019-20	2020-21	2021-22	2022-23	(Rs. in lakh) 2023-24
Depreciation	0.00	0.00	0.00	132.66	243.55
Interest on loan	1.11	2.52	2.81	6.93	5.53
Return on Equity	3362.97	3355.52	3345.44	3345.81	3349.96
Interest on Working Capital	1821.14	1713.89	1612.58	1629.82	1646.97
O&M Expenses	6921.60	7165.20	7415.10	7677.60	7946.40
Water Charges	583.90	640.54	704.59	775.05	854.89
Security Expenses	501.48	523.54	546.58	570.63	595.74
Sub-total (A)	13192.20	13401.21	13627.10	14138.50	14643.04
Share of P&G	0.00	0.00	0.00	0.00	0.00
Share of Common Office Expenditure	28.49	28.00	27.80	27.78	25.37
Ash evacuation	353.44	368.99	385.23	402.18	419.88
Mega insurance	0.00	0.00	0.00	0.00	0.00
Subsidiary activity	0.00	0.00	0.00	0.00	0.00
Sub-total (B)	381.93	396.99	413.03	429.96	445.24
Total Annual Fixed Charges	13574.13	13798.20	14040.13	14568.46	15088.28

Note: (1) All figures are on annualized basis. (2) All figures under each head have been rounded. The figure in total column in each year is also rounded. As such the sum of individual items may not be equal to the arithmetic total of the column.

278. The annual fixed charges approved as above are subject to truing up in terms of Regulation 13 of the 2019 Tariff Regulations.

Application Fee and Publication expenses

279. The Petitioner has sought the reimbursement of filing fee paid by it for filing the tariff petition for the 2019-24 tariff period and for publication expenses. The Petitioner shall be entitled for reimbursement of the filing fees and publication expenses in connection with the present petition, directly from the beneficiaries on pro-rata basis in accordance with the Regulation 70(1) of the 2019 Tariff Regulations.

280. Similarly, RLDC Fees & Charges paid by the Petitioner in terms of the Central Electricity Regulatory Commission (Fees and Charges of Regional Load Dispatch Centre and other related matters) Regulations, 2019, shall be recovered from the beneficiaries. In addition, the Petitioner is entitled for recovery of statutory taxes,

levies, duties, cess etc. levied by the statutory authorities in accordance with the 2019
Tariff Regulations.

281. Petition No. 205/GT/2020 is disposed of in terms of the above.

Sd/-
(Pravas Kumar Singh)
Member

Sd/-
(Arun Goyal)
Member

Sd/-
(I.S. Jha)
Member



**CENTRAL ELECTRICITY REGULATORY COMMISSION
NEW DELHI**

Petition No. 713/TT/2020

Coram:

**Shri P. K. Pujari, Chairperson
Shri I. S. Jha, Member
Shri Arun Goyal, Member
Shri P. K. Singh, Member**

Date of Order: 02.03.2022

In the matter of:

Approval under Regulation 86 of the Central Electricity Regulatory Commission (Conduct of Business) Regulations 1999 and truing up of transmission tariff of the 2014-19 period under Central Electricity Regulatory Commission (Terms and Conditions of Tariff) Regulations, 2014 and determination of transmission tariff of the 2019-24 period under the Central Electricity Regulatory Commission (Terms and Conditions of Tariff) Regulations 2019 in respect of New elements of Transmission and Distribution System Network of Damodar Valley Corporation in Eastern Region.

And in the matter of

Damodar Valley Corporation,
DVC Towers, VIP Road,
Kolkata-700054.

.....Petitioner

Versus

1. West Bengal State Electricity Distribution Company Limited,
(Previously West Bengal State Electricity Board),
Vidyut Bhawan, Block 'DJ', Sector-11, Salt Lake City,
Kolkata-700091.
2. Jharkhand Bijlee Vitran Nigam Limited,
Engineers' Building, Dhurwa, Ranchi-834004.

.....Respondent(s)

For Petitioner : Shri M. G. Ramachandran, Senior Advocate, DVC
Ms. Anushree Bardhan, Advocate, DVC
Shri Manik Rakshit, DVC
Shri Subrata Ghosal, DVC
Shri Samit Mandal, DVC

For Respondents : Shri Rajiv Yadav, Advocate, DVPCA



ORDER

The Petitioner, Damodar Valley Corporation, has filed the instant petition for true-up of transmission tariff of the 2014-19 tariff period under the Central Electricity Regulatory Commission (Terms and Conditions of Tariff) Regulations, 2014 (hereinafter referred to as "the 2014 Tariff Regulations"); and for determination of transmission tariff for the period from 1.4.2019 to 31.3.2024 under the Central Electricity Regulatory Commission (Terms and Conditions of Tariff) Regulations, 2019 (hereinafter referred to as "the 2019 Tariff Regulations") in respect of the following new elements of the Transmission and Distribution (T&D) network of Damodar Valley Corporation (DVC), added after 31.3.2014 (hereinafter referred to as "the transmission assets"):

- Asset-I:** 132 kV Biada Sub-station;
- Asset-II:** 220 kV Koderma-Giridih D/C Transmission Line;
- Asset-III:** 33 kV Koderma-Koderma R/S D/C Transmission Line;
- Asset-IV:** 33 kV Barjora-Biph D/C Transmission Line; and
- Asset-V:** Two nos. of 33 kV bays at North-Karanpura Sub-station.

(Asset-I, Asset-II, Asset-III, Asset-IV and Asset-V have been collectively referred to as "the transmission assets" for the 2014-19 tariff period. Asset-I, Asset-II, Asset-III, Asset-IV and Asset-V have been combined as on 1.4.2019 and have been collectively referred to as "Combined Asset" under new T&D network elements DVC in Eastern Region for the 2019-24 tariff period).

2. The Petitioner has amended the petition vide affidavit dated 24.2.2021 and has also revised the prayers made earlier in the petition. The Petitioner's revised prayers are as follows:

"PART-A: TRUE-UP PETITION FOR THE PERIOD 2014-19

In the light of the above submissions, the petitioner respectfully prays before the Hon'ble Commission:

- a) *To take on record the Petition No 713/TT/2020, Diary No. TT/276/2020, as the True up petition for the 2014-19 period and treat this as the amended Petition of the Petition No. 713/TT/2020, Diary No. TT/276/2020;*



136. We observe that the Petitioner has prayed for separate sharing methodology for the 2014-19 and 2019-24 tariff periods. As far as the Petitioner's prayer for sharing of trued-up charges of 2014-19 tariff period is concerned, it is in line with order dated 5.2.2020 in Petition No. 335/TT/2018, wherein the Commission had directed that the charges of existing as well as new T&D system (i.e. non-ISTS system) shall be included as an input cost in ARR and recovered from the distribution consumers on approval by WBSERC and JSERC and that these shall not be included in the PoC pool under the 2010 Sharing Regulations.

137. The Commission vide order dated 5.2.2020 in Petition No. 335/TT/2018 had allowed the transmission charges to be recovered under Regulation 43 of the 2014 Tariff Regulations and the 2010 Sharing Regulations (i.e. PoC mechanism) only in case of 4 existing and new 400 kV inter-State transmission lines which were certified by ERPC as non-ISTS lines carrying ISTS power (i.e. deemed ISTS lines) with effect from 1.4.2017. Therefore, except for those 4 Transmission lines being treated as deemed ISTS lines, the Commission has consistently maintained that charges of all the other assets forming part of T&D System (old and new) of the Petitioner, shall be included as an input cost in the ARR and recovered from the distribution consumers on approval by WBERC and JSERC and shall not be included in the PoC pool.

138. In line with order dated 5.2.2020 in Petition No. 335/TT/2018, the transmission charges allowed for the transmission assets for 2019-24 period shall be included as an input cost in ARR and recovered from the distribution consumers on approval by WBERC and JSERC. These charges shall not be included in common pool.

139. As regards other transmission lines/ sub-stations, the sharing of transmission charges shall be decided in relevant petitions.

140. To summarise:



a) The trued-up AFC approved for the transmission assets for the 2014-19 tariff period are as follows:

Asset-I (₹ in lakh)			
2015-16 (Pro-rata 327 days)	2016-17	2017-18	2018-19
823.01	979.70	996.03	981.24

Asset-II (₹ in lakh)			
2015-16 (Pro-rata 184 days)	2016-17	2017-18	2018-19
769.84	1500.84	1517.90	1533.70

Asset-III (₹ in lakh)				
2014-15 (Pro-rata 21 days)	2015-16	2016-17	2017-18	2018-19
4.16	71.38	73.92	77.20	75.34

Asset-IV (₹ in lakh)				
2014-15 (Pro-rata 186 days)	2015-16	2016-17	2017-18	2018-19
2.80	40.40	73.65	71.01	70.23

Asset-V (₹ in lakh)	
2017-18 (Pro-rata 328 days)	2018-19
63.85	74.57

b) AFC allowed for Combined Asset for the 2019-24 tariff period in this order are as follows:

2019-20	2020-21	2021-22	2022-23	2023-24
2480.83	2380.52	2279.00	2180.45	2082.15

141. This order disposes of Petition No. 713/TT/2020 in terms of above discussions and findings.

sd/-
(P. K. Singh)
Member

sd/-
(Arun Goyal)
Member

sd/-
(I. S. Jha)
Member

sd/-
(P. K. Pujari)
Chairperson



59

432

Petition No.....



DAMODAR VALLEY CORPORATION

DURGAPUR THERMAL POWER STATION UNIT 3 AND 4
(1 x 140 + 1 x 210 MW)

TRUE-UP PETITION FOR THE PERIOD FROM 01.04.2014 TO
31.03.2019

AND

PROVISIONAL TARIFF PETITION FOR THE PERIOD FROM
01.04.2019 TO 31.03.2024

VOLUME-I



**BEFORE THE HONOURABLE CENTRAL ELECTRICITY
REGULATORY COMMISSION**

**3RD & 4TH FLOOR, CHANDERLOK BUILDING,
36, JANPATH, NEW DELHI-110 001**

PETITION NO. OF 2020

IN THE MATTER OF: Petition under Section 79(1) & 86 of CERC (Conduct of Business) Regulations, 1999, Section 62(1) (a) of the Electricity Act, 2003 and Regulations 8 of CERC (Terms and Conditions of Tariff) Regulations, 2014 for truing up of annual fixed charges for the period 2014 – 19 in respect of the Durgapur Thermal Power Station, Units 3 and 4 (350 MW).

AND IN THE MATTER OF: Petition under Section 79(1) & 86 of CERC (Conduct of Business) Regulations, 1999, Section 62(1) (a) of the Electricity Act, 2003 and Regulations 9(2) and 10 of CERC (Terms and Conditions of Tariff) Regulations, 2019 for determination of tariff for the period 2019 – 24 in respect of the Durgapur Thermal Power Station, Unit 4 (210 MW).

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**TARIFF FILING FORMS (THERMAL) FOR TARIFF PETITION FOR 2019-24
FOR DETERMINATION OF TARIFF FOR 2019-24 IN RESPECT OF DURGAPUR
THERMAL POWER STATION UNIT 4**

PART-I

Annexure-2



Summary of Tariff

Name of the Petitioner
Name of the Generating Station :
Place (Region/District/State):

Damodar Valley Corporation
Durgapur Thermal Power Station Unit 4
Burdwan, West Bengal

Sr. No.	Particulars	Unit	Form references	Existing 2018-19	2019-20	2020-21	2021-22	2022-23	2023-24
1	2	3	4	5	6	7	8	9	
A	Cost components as per Regulations 28, 30, 31, 32, 33, 34, 35 of the CERC (Terms and Conditions of Tariff) Regulations, 2019, to be recovered on the basis of availability								
A.1	Depreciation	Rs Lakh	Form 12	116.82	442.83	514.00	9.49	17.49	12.51
A.2	Interest on Loan	Rs Lakh	Form N	0.72	12.81	12.53	0.22	0.28	0.09
A.3	Return on Equity ¹	Rs Lakh	Form 1 (I) & (II)	1,950.94	1,979.48	2,005.70	2,006.15	2,007.06	2,007.67
A.4	Interest on Working Capital	Rs Lakh	Form O	2,138.17	1,922.39	1,942.25	1,957.28	1,981.51	2,010.30
A.5	O & M Expenses	Rs Lakh	Form 2 & Form 3	6,407.10	6,921.60	7,165.20	7,415.10	7,677.60	7,946.40
A.6	Water Charges	Rs Lakh	Form 19	161.31	583.90	640.54	704.59	775.05	854.89
A.7	Security Expenses	Rs Lakh	Appendix-2	2,624.78	2,740.28	2,860.86	2,986.75	3,118.18	3,255.39
A.8	Special allowance (If applicable)	Rs Lakh	Appendix-1	2,014.79	1,995.00	1,995.00	1,995.00	1,995.00	1,995.00
A.9	Compensation Allowance (If applicable - relevant for column 4 only)	Rs Lakh							
	Sub-total: A	Rs Lakh		15,414.63	16,598.29	17,136.08	17,074.57	17,572.17	18,082.25
B	Cost components as per Regulation 35(1)(6) and 61(1) of the CERC (Terms and Conditions of Tariff) Regulations 2019, Subsequent CERC/Court Orders, and the DVC Act, to be recovered in full on sharing basis								
B.1	Capital Spares	Rs Lakh		116.07					
B.2	DVC's share of savings in interest cost due to loan restructuring	Rs Lakh	Appendix-8		0.59	0.58	0.01	0.01	0.004
B.3	Share of P&G	Rs Lakh	Appendix-3						
B.4	Share of Common Office Expenditure	Rs Lakh	Appendix-5	376.12	782.55	819.34	857.85	898.18	940.40
B.5	Expenses for Ash Evacuation, Mega Insurance and Subsidiary Activities	Rs Lakh	Appendix-6	37.70	41.30	44.32	44.88	38.60	35.18
	Sub-total: B	Rs Lakh		112.08	620.43	643.30	666.85	691.55	716.96
	Grand Total (A+B)	Rs Lakh		641.97	1,444.87	1,507.53	1,569.59	1,628.34	1,692.54
		Rs Lakh		16,056.60	18,043.16	18,643.62	18,644.16	19,200.51	19,774.79

Not applicable as per 2019 Tariff Regulations



C.1	Landed Fuel Cost (coal/gas/RLNG/ liquid) as per FSA approved by beneficiaries	Rs/Tone
	(%) of Fuel Quantity	(%)
C.2	Landed Fuel Cost Imported Coal as per FSA approved by beneficiaries	Rs/Ton
	(%) of Fuel Quantity	(%)
C.3	Landed Fuel Cost (coal/gas /RLNG/liquid) other than FSA	Rs/Ton
	(%) of Fuel Quantity	(%)
C.4	Landed Fuel Cost Imported Coal other than FSA.	Rs/Ton
	(%) of Fuel Quantity	(%)
C.1a	Landed Fuel Cost (Domestic Coal)	Rs/Ton
	(%) of Fuel Quantity	(%)
C.1b	Landed Fuel Cost (Imported Coal)	Rs/Ton
	(%) of Fuel Quantity	(%)
C.1c	Landed Fuel Cost (Oil)	Rs/KL
C.5	Secondary fuel oil cost	P/Unit
	Energy Charge Rate ex-bus (Paise/k Wh) 2A, 2B, 2C, 2D	P/Unit
Break-up is not available for C.1 to C.4. Consolidated figures are provided in C.1a, C.1b and C.1c.		
Note 1: Details of calculations, considering equity as per regulation, to be furnished. 2A: If multi fuel is used simultaneously, give 2 in respect of every fuel individually. 2B: The rate of energy charge shall be computed for open cycle operation and combined cycle operation separately in case of gas/liquid fuel fired plants. 2C: The total energy charge shall be worked out based on ex-bus energy scheduled to be sent out. 2D: The Energy Charge rate for the month shall be based on fuel cost(s) and GCV(s) for the month as per Regulation 43. 2E. In case breakup is not available for 2.1 to 2.5, consolidated statement needs to be submitted.		
Form-15 (Coal) 2,998.00 100.00% Not applicable 0.00% 57,763.31 13.86 277.03 3,774.31 100% Not applicable 0% 50,179.11 12.04 333.43		

(Petitioner)



63

436

Petition No

**DAMODAR VALLEY CORPORATION**

SUBMISSION OF ADDITIONAL INFORMATION IN
RESPECT OF PETITION FILED VIDE AFFIDAVIT DT.
21.01.2020 FOR TRUING UP OF ANNUAL FIXED
CHARGES FOR THE PERIOD 2014 – 19 AND
DETERMINATION OF TARIFF FOR THE PERIOD 2019 –
24 IN RESPECT OF THE MEJA THERMAL POWER
STATION UNIT –1-3(3*210 MW)



**BEFORE THE HONOURABLE CENTRAL ELECTRICITY
REGULATORY COMMISSION
3RD & 4TH FLOOR, CHANDERLOK BUILDING,
36, JANPATH, NEW DELHI-110 001**

**PETITION NO. OF 2020
DIARY NO: 201/2020 DT. 26.01.2020**

IN THE MATTER OF: Petition under Section 79(1) & 86 of CERC (Conduct of Business) Regulations, 1999, Section 62(1)(a) of the Electricity Act, 2003 and Regulations 8 of CERC (Terms and Conditions of Tariff) Regulations, 2014 for truing up of annual fixed charges for the period 2014 – 19 in respect of the Mejia Thermal Power Station, Unit -1 to 3 (3 x 210 MW).

AND IN THE MATTER OF: Petition under Section 79(1) & 86 of CERC (Conduct of Business) Regulations, 1999, Section 62(1) (a) of the Electricity Act, 2003 and Regulations 9(2) and 10 of CERC (Terms and Conditions of Tariff) Regulations, 2019 for determination of tariff for the period 2019 – 24 in respect of Mejia Thermal Power Station, Unit -1 to 3 (3 x 210 MW).

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**TARIFF FILING FORMS (THERMAL) FOR TARIFF PETITION FOR 2019-24
FOR DETERMINATION OF TARIFF FOR 2019-24 IN RESPECT OF MEJIA
THERMAL POWER STATION UNITS 1, 2 & 3**

PART-I

Annexure-2



Sr. No.	Particulars	Unit	Form references	Existing 2018-19	2019-20	2020-21	2021-22	2022-23	2023-24
1	2	3	4	5	6	7	8	9	
A	Cost components as per Regulations 28, 30, 31, 32, 33, 34, 35 of the CERC (Terms and Conditions of Tariff) Regulations, 2019, to be recovered on the basis of availability								
A.1	Depreciation	Rs Lakh	Form 12	772.48	1,910.38	2,610.75	2,658.73	4,356.79	5,558.27
A.2	Interest on Loan	Rs Lakh	Form N	10.79	31.52	34.09	39.95	59.88	29.68
A.3	Return on Equity ¹	Rs Lakh	Form 1 (I) & (II)	9,711.06	9,825.86	9,966.39	10,106.00	10,328.85	10,646.73
A.4	Interest on Working Capital	Rs Lakh	Form O	6,600.02	5,531.16	5,584.12	5,671.04	5,757.00	5,880.48
A.5	O & M Expenses	Rs Lakh	Form 2 & Form 3	19,221.30	20,764.80	21,495.60	22,245.30	23,032.80	23,839.20
A.6	Water Charges	Rs Lakh	Form 19	562.86	1,751.71	1,921.61	2,113.77	2,325.15	2,564.67
A.7	Security Expenses	Rs Lakh	Appendix-2	1,475.95	1,540.90	1,608.70	1,679.49	1,753.40	1,830.55
A.8	Special allowance (if applicable)	Rs Lakh	Appendix-1						
A.9	Compensation Allowance (if applicable - relevant for column 4 only)	Rs Lakh							
Sub-total: A		Rs Lakh		525.00			1,995.00	1,995.00	3,990.00
B	Cost components as per Regulation 35(1)(6) and 61(1) of the CERC (Terms and Conditions of Tariff) Regulations 2019, Subsequent CERC/Court Orders, and the DVC Act, to be recovered in full on sharing basis			38,879.47	41,356.32	43,221.27	46,509.29	49,608.86	54,339.59
B.1	Capital Spares	Rs Lakh							
B.2	DVC's share of savings in interest cost due to loan restructuring	Rs Lakh	Appendix-8	104.52					
B.3	Share of P&G	Rs Lakh	Appendix-3	0.33	1.46	1.57	1.85	2.77	1.37
B.4	Share of Common Office Expenditure	Rs Lakh	Appendix-5	1,128.35	2,347.66	2,458.01	2,573.56	2,694.53	2,821.19
B.5	Expenses for Ash Evacuation, Mega Insurance and Subsidiary Activities	Rs Lakh	Appendix-6	113.11	123.89	132.96	134.64	115.79	105.54
Sub-total: B		Rs Lakh		1,454.79	1,518.81	1,585.64	1,655.41	1,728.26	1,804.31
C.1	Grand Total (A+B)	Rs Lakh		2,801.12	3,991.81	4,178.19	4,365.45	4,541.34	4,732.41
	Landed Fuel Cost (coal/gas/RLNG/ liquid) as per FSA approved by beneficiaries	Rs/Tone		41,680.59	45,348.14	47,399.46	50,874.74	54,150.21	59,072.00
C.2	(%) of Fuel Quantity	(%)							
	Landed Fuel Cost Imported Coal as per FSA approved by beneficiaries	Rs/Ton							
C.3	(%) of Fuel Quantity	(%)							
	Landed Fuel Cost (coal/gas /RLNG/liquid) other than FSA	Rs/Ton							
C.4	(%) of Fuel Quantity	(%)							
	Landed Fuel Cost Imported Coal other than FSA	Rs/Ton							
C.1a	(%) of Fuel Quantity	(%)							
	Landed Fuel Cost (Domestic Coal)	Rs/Ton							
C.1b	(%) of Fuel Quantity	(%)							
	Landed Fuel Cost (Imported Coal)	Rs/Ton							
C.1c	(%) of Fuel Quantity	(%)							
	Landed Fuel Cost (Oil)	Rs/KL							
C.5	Secondary fuel oil cost	P/Unit							
	Energy Charge Rate ex-bus (Paise/kWh) 2a, 2b, 2c, 2d	P/Unit							

Break-up is not available for C.1 to C.4. Consolidated figures are provided in C.1a, C.1b and C.1c.



Signature

(Petitioner)

Petition No.....

**DAMODAR VALLEY CORPORATION****MEJIA THERMAL POWER STATION UNIT 5 AND 6
(2 x 250 MW)****TRUE-UP PETITION FOR THE PERIOD FROM 01.04.2014 TO
31.03.2019****AND****PROVISIONAL TARIFF PETITION FOR THE PERIOD FROM
01.04.2019 TO 31.03.2024****VOLUME-I**

**BEFORE THE HONOURABLE CENTRAL ELECTRICITY
REGULATORY COMMISSION
3RD & 4TH FLOOR, CHANDERLOK BUILDING,
36, JANPATH, NEW DELHI-110 001**

PETITION NO. OF 2020

IN THE MATTER OF: Petition under Section 79(1) & 86 of CERC (Conduct of Business) Regulations, 1999, Section 62(1) (a) of the Electricity Act, 2003 and Regulations 8 of CERC (Terms and Conditions of Tariff) Regulations, 2014 for truing up of annual fixed charges for the period 2014 – 19 in respect of the Mejia Thermal Power Station, Unit 5 and 6 (2 x 250 MW).

AND IN THE MATTER OF: Petition under Section 79(1) & 86 of CERC (Conduct of Business) Regulations, 1999, Section 62(1) (a) of the Electricity Act, 2003 and Regulations 9(2) and 10 of CERC (Terms and Conditions of Tariff) Regulations, 2019 for determination of tariff for the period 2019 – 24 in respect of Mejia Thermal Power Station, Unit 5 and 6 (2 x 250 MW).

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de

Name of the Petitioner

Damodar Valley Corporation

Mejia Thermal Power Station 5 & 6

West Bengal

Summary of Tariff

PART-I
FORM-1

Sr. No.	Particulars	Unit	Form references	Existing 2018-19	2019-20	2020-21	2021-22	2022-23	2023-24
1	2	3	4	5	6	7	8	9	
A	Cost components as per Regulations 28, 30, 31, 32, 33, 34, 35 of the CERC (Terms and Conditions of Tariff) Regulations, 2019, to be recovered on the basis of availability								
A.1	Depreciation	Rs Lakh	Form 12	15,701.93	15,822.51	9,863.67	2,730.52	2,840.95	2,870.61
A.2	Interest on Loan	Rs Lakh	Form N	12.74	17.54	30.55	34.61	24.10	16.17
A.3	Return on Equity	Rs Lakh	Form 1 (I) & (II)						
A.4	Interest on Working Capital	Rs Lakh	Form O	5,707.28	12,882.44	12,978.33	13,104.39	13,272.41	13,458.00
A.5	O & M Expenses	Rs Lakh	Form 2 & Form 3	15,255.00	4,702.71	4,647.10	4,584.58	4,635.64	4,696.96
A.6	Water Charges	Rs Lakh	Form 19	16,480.00	17,060.00	17,655.00	18,280.00	18,920.00	19,560.00
A.7	Security Expenses	Rs Lakh	Appendix-2	574.48	1,390.24	1,525.09	1,677.60	1,845.36	2,035.46
A.8	Special allowance (If applicable)	Rs Lakh	Appendix-1	1,171.39	1,222.94	1,276.75	1,332.93	1,391.58	1,452.82
A.9	Compensation Allowance (If applicable - relevant for column 4 only)	Rs Lakh							
	Sub-total: A	Rs Lakh		50.00					
B	Cost components as per Regulation 35(1)(6) of the CERC (Terms and Conditions of Tariff) Regulations 2019, Subsequent CERC/Court Orders, and the DVC Act, to be recovered in full on sharing basis								
B.1	Capital Spares	Rs Lakh		51,257.17	52,518.38	47,381.49	41,119.63	42,290.04	43,450.01
B.2	Interest & Contribution on Sinking Fund (As per section 40, Part IV of DVC Act)	Rs Lakh							
B.3	Share of P&G	Rs Lakh	Appendix-3	1,602.04	1,714.18	1,834.17	1,962.57	2,099.95	2,246.94
B.4	Share of Common Office Expenditure	Rs Lakh	Appendix-4	895.52	1,863.22	1,950.80	2,042.51	2,138.52	2,239.04
B.5	Expenses for Ash Evacuation, Mega Insurance and Subsidiary Activities	Rs Lakh	Appendix-5	89.77	98.33	105.52	106.85	91.89	83.76
	Sub-total: B	Rs Lakh		1,417.11	1,479.47	1,544.57	1,612.94	1,683.49	1,757.57
	Grand Total (A+B)	Rs Lakh		4,004.44	5,155.20	5,435.07	5,774.46	6,013.85	6,327.32
				55,261.61	57,673.58	52,816.57	46,844.09	48,303.89	49,777.33

Not applicable as per 2019 Tariff Regulations

Will be claimed on actual basis at the time of truing up



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Break-up is not available for C.1 to C.4. Consolidated figures are provided in C.1a, C.1b and C.1c.

C.1	Landed Fuel Cost (coal/gas/RJ, NG/ liquid) as per FSA approved by beneficiaries	Rs/Tone
	(%) of Fuel Quantity	(%)
C.2	Landed Fuel Cost Imported Coal as per FSA approved by beneficiaries	Rs/Ton
	(%) of Fuel Quantity	(%)
C.3	Landed Fuel Cost (coal/gas /RLNG/liquid) other than FSA	Rs/Ton
	(%) of Fuel Quantity	(%)
C.4	Landed Fuel Cost-Imported Coal other than FSA.	Rs/Ton
	(%) of Fuel Quantity	(%)
C.1a	Landed Fuel Cost (Domestic Coal)	Rs/Ton
	(%) of Fuel Quantity	(%)
C.1b	Landed Fuel Cost (Imported Coal)	Rs/Ton
	(%) of Fuel Quantity	(%)
C.1c	Landed Fuel Cost (Oil)	Rs/KL
C.5	Secondary fuel oil cost	P/Unit
	Energy Charge Rate ex-bus (Paise/kWh) 2A, 2B, 2C, 2D	P/Unit

Form-15 (Coal)	3,095.28	4,032.27
	100.00%	100%
	Not applicable	Not applicable
	0.00%	0%
Form-15 (Oil)	61,127.44	45,279.85
Appendix-5	3.06	2.26
Appendix-5	258.24	296.92

Note

1: Details of calculations, considering equity as per regulation, to be furnished.

2A: If multi fuel is used simultaneously, give 2 in respect of every fuel individually.

2B: The rate of energy charge shall be computed for open cycle operation and combined cycle operation separately in case of gas/liquid fuel fired plants.

2C: The total energy charge shall be worked out based on ex-bus energy scheduled to be sent out.

2D: The Energy Charge rate for the month shall be based on fuel cost(s) and GCV(s) for the month as per Regulation 43.

2E. In case breakup is not available for 2.1 to 2.5, consolidated statement needs to be submitted.



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(Petitioner)

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Petition No.....



DAMODAR VALLEY CORPORATION

MEJIA THERMAL POWER STATION UNIT 7 AND 8
(2 x 500 MW)

TRUE-UP PETITION FOR THE PERIOD FROM 01.04.2014 TO
31.03.2019

AND

**PROVISIONAL TARIFF PETITION FOR THE PERIOD FROM
01.04.2019 TO 31.03.2024**

VOLUME-I



M

**BEFORE THE HONOURABLE CENTRAL ELECTRICITY
REGULATORY COMMISSION
3RD & 4TH FLOOR, CHANDERLOK BUILDING,
36, JANPATH, NEW DELHI-110 001**

PETITION NO. OF 2020

IN THE MATTER OF: Petition under Section 79(1) & 86 of CERC (Conduct of Business) Regulations, 1999, Section 62(1) (a) of the Electricity Act, 2003 and Regulations 8 of CERC (Terms and Conditions of Tariff) Regulations, 2014 for truing up of annual fixed charges for the period 2014 – 19 in respect of the Mejia Thermal Power Station, Units-7 and 8 (1000 MW).

AND IN THE MATTER OF: Petition under Section 79(1) & 86 of CERC (Conduct of Business) Regulations, 1999, Section 62(1) (a) of the Electricity Act, 2003 and Regulations 9(2) and 10 of CERC (Terms and Conditions of Tariff) Regulations, 2019 for determination of tariff for the period 2019 – 24 in respect of the Mejia Thermal Power Station, Units-7 and 8 (1000 MW).

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Summary of Tariff

Name of the Petitioner
Name of the Generating Station :
Place (Region/District/State):

Damodar Valley Corporation
Mujia Thermal Power Station 7&8
West Bengal

Sr. No.	Particulars	Unit	Form references	Existing 2018-19	2019-20	2020-21	2021-22	2022-23	2023-24
1	2	3	4	5	6	7	8	9	
A	Cost components as per Regulations 28, 30, 31, 32, 33, 34, 35 of the CERC (Terms and Conditions of Tariff) Regulations, 2019, to be recovered on the basis of availability								
A.1	Depreciation	Rs Lakh	Form 12	40,036.27	40,454.73	40,850.13	41,269.15	41,555.54	41,643.64
A.2	Interest on Loan	Rs Lakh	Form N	12,771.27	9,275.98	5,686.98	1,969.41	54.35	5.80
A.3	Return on Equity ¹	Rs Lakh	Form 1 (I) & (II)	26,429.02	26,735.68	26,991.00	27,269.18	27,478.85	27,544.69
A.4	Interest on Working Capital	Rs Lakh	Form O	10,469.76	9,028.82	9,033.56	9,058.14	9,110.51	9,207.72
A.5	O & M Expenses	Rs Lakh	Form 2 & Form 3	20,430.00	22,510.00	23,300.00	24,120.00	24,970.00	25,840.00
A.6	Water Charges	Rs Lakh	Form 19	1,074.95	2,780.49	3,050.18	3,355.20	3,690.72	4,070.91
A.7	Security Expenses	Rs Lakh	Appendix-2	2,342.78	2,455.48	2,573.61	2,697.41	2,827.17	2,963.17
A.8	Special allowance (If applicable)	Rs Lakh	Appendix-1	-	-	-	-	-	-
A.9	Compensation Allowance (If applicable - relevant for column 4 only)	Rs Lakh		-	-	-	-	-	-
	Sub-total: A	Rs Lakh		1,13,554.05	1,13,241.19	1,11,485.46	1,09,738.49	1,09,687.14	1,11,275.94
B	Cost components as per Regulation 35(1)(6) of the CERC (Terms and Conditions of Tariff) Regulations 2019, Subsequent CERC/Court Orders, and the DVC Act, to be recovered in full on sharing basis								
B.1	Capital Spares	Rs Lakh		1,413.20					
B.2	Interest & Contribution on Sinking Fund (As per section 40, Part IV of DVC Act)	Rs Lakh	Appendix-3	2,751.89	2,944.52	3,150.64	3,371.18	3,607.16	3,859.67
B.3	Share of P&G	Rs Lakh	Appendix-4	1,791.04	3,726.44	3,901.61	4,085.01	4,277.03	4,478.08
B.4	Share of Common Office Expenditure	Rs Lakh	Appendix-5	179.55	196.65	211.05	213.71	183.79	167.53
B.5	Expenses for Ash Evacuation, Mega Insurance and Subsidiary Activities	Rs Lakh	Appendix-6	2,682.15	2,811.18	2,946.41	3,088.15	3,236.70	3,392.40
	Sub-total: B	Rs Lakh		8,817.83	9,678.79	10,209.70	10,758.05	11,304.69	11,897.68
	Grand Total (A+B)	Rs Lakh		1,22,371.88	1,22,919.98	1,21,695.16	1,20,496.54	1,20,991.83	1,23,173.62

Not applicable as per 2019 Tariff Regulations :

Will be claimed on actual basis at the time of truing up



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Sr. No.	Particulars	Unit	Form references	Existing 2018-19	2019-20	2020-21	2021-22	2022-23	2023-24
1	2	3		4	5	6	7	8	9
C.1	Landed Fuel Cost (coal/gas/RLNG/ liquid) as per FSA approved by beneficiaries	Rs/Tone							
	(%) of Fuel Quantity	(%)							
C.2	Landed Fuel Cost Imported Coal as per FSA approved by beneficiaries	Rs/Ton							
	(%) of Fuel Quantity	(%)							
C.3	Landed Fuel Cost (coal/gas /RLNG/liquid) other than FSA	Rs/Ton							
	(%) of Fuel Quantity	(%)							
C.4	Landed Fuel Cost Imported Coal other than FSA.	Rs/Ton							
	(%) of Fuel Quantity	(%)							
C.1a	Landed Fuel Cost (Domestic Coal)	Rs/Ton		3,095.28			3,980.90		
	(%) of Fuel Quantity	(%)		100.00%			100%		
C.1b	Landed Fuel Cost (Imported Coal)	Rs/Ton		Not Applicable			Not applicable		
	(%) of Fuel Quantity	(%)		0.00%			0%		
C.1c	Landed Fuel Cost (Oil)	Rs/KL		61,127.44			45,279.85		
C.5	Secondary fuel oil cost	P/Unit		3.06			2.26		
	Energy Charge Rate ex-bus (Paise/kWh) 2A, 2B, 2C, 2D	P/Unit		221.47			278.16		

Break-up is not available for C.1 to C.4. Consolidated figures are provided in C.1a, C.1b and C.1c.

Note

- 1: Details of calculations, considering equity as per regulation, to be furnished.
- 2A: If multi fuel is used simultaneously, give 2 in respect of every fuel individually.
- 2B: The rate of energy charge shall be computed for open cycle operation and combined cycle operation separately in case of gas/liquid fuel fired plants.
- 2C: The total energy charge shall be worked out based on ex-bus energy scheduled to be sent out.
- 2D: The Energy Charge rate for the month shall be based on fuel cost(s) and GCV(s) for the month as per Regulation 43.
- 2E: In case breakup is not available for 2.1 to 2.5, consolidated statement needs to be submitted.



(Petitioner)

80

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Petition No.....



DAMODAR VALLEY CORPORATION

**CHANDRAPURA THERMAL POWER STATION UNIT 7 AND 8
(2 x 250 MW)**

**TRUE-UP PETITION FOR THE PERIOD FROM 01.04.2014 TO
31.03.2019**

AND

**PROVISIONAL TARIFF PETITION FOR THE PERIOD FROM
01.04.2019 TO 31.03.2024**

VOLUME-I



**BEFORE THE HONOURABLE CENTRAL ELECTRICITY
REGULATORY COMMISSION**

**3RD & 4TH FLOOR, CHANDERLOK BUILDING,
36, JANPATH, NEW DELHI-110 001**

PETITION NO. OF 2020

IN THE MATTER OF: Petition under Section 79(1) & 86 of CERC (Conduct of Business) Regulations, 1999, Section 62(1) (a) of the Electricity Act, 2003 and Regulation 8 of CERC (Terms and Conditions of Tariff) Regulations, 2014 for true up of annual fixed charges for the period 2014 – 19 in respect of the Chandrapura Thermal Power Station Units 7 and 8 (2 x 250 MW).

AND IN THE MATTER OF: Petition under Section 79(1) & 86 of CERC (Conduct of Business) Regulations, 1999, Section 62(1) (a) of the Electricity Act, 2003 and Regulations 9(2) and 10 of CERC (Terms and Conditions of Tariff) Regulations, 2019 for determination of tariff for the period 2019 – 24 in respect of the Chandrapura Thermal Power Station Units 7 and 8 (2 x 250 MW).

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TARIFF FILING FORMS (THERMAL) FOR TARIFF PETITION FOR 2019-24

**FOR DETERMINATION OF TARIFF FOR 2019-24 IN RESPECT OF
CHANDRAPURA THERMAL POWER STATION UNIT # 7 & 8.**

PART-I

Annexure-2



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Name of the Petitioner
Name of the Generating Station :
Place (Region/District/State):

Summary of Tariff

Dindori Valley Corporation
Chandrapura Thermal Power Station Unit 7 & 8
Bokaro, Jharkhand

PART-I
FORM-I

84 452

Sr. No.	Particulars	Unit	Form references	Existing 2018-19	2019-20	2020-21	2021-22	2022-23	2023-24
A	Cost components as per Regulations 28, 30, 31, 32, 33, 34, 35 of the CERC (Terms and Conditions of Tariff) Regulations, 2019, to be recovered on the basis of availability								
A.1	Depreciation	Rs Lakh	Form 12	17,006.00	17,164.37	17,445.53	17,935.97	18,329.27	18,400.11
A.2	Interest on Loan	Rs Lakh	Form N	4,376.20	2,857.46	1,400.41	335.20	4.56	4.59
A.3	Return on Equity	Rs Lakh	Form 1 (I) & (II)	13,532.02	13,634.53	13,804.00	14,160.70	14,409.59	14,533.82
A.4	Interest on Working Capital	Rs Lakh	Form O	5,117.13	3,780.66	3,208.04	3,855.44	3,914.55	3,978.35
A.5	O & M Expenses	Rs Lakh	Form 2 & Form 3	15,255.00	16,480.00	17,000.00	17,655.00	18,280.00	18,920.00
A.6	Water Charges	Rs Lakh	Form 19	535.12	1,390.24	1,525.09	1,677.60	1,845.36	2,035.46
A.7	Security Expenses	Rs Lakh	Appendix-2	2,976.45	3,107.42	3,244.16	3,386.91	3,535.94	3,691.54
A.8	Special allowance (if applicable)								
A.9	Compensation Allowance (if applicable - relevant for column 4 only)		Appendix-1						
	Sub-total: A	Rs Lakh							
B	Cost components as per Regulation 35(1)(6) of the CERC (Terms and Conditions of Tariff) Regulations 2019, Subsequent CERC/Conrt Orders, and the DVC Act, to be recovered in full on sharing basis	Rs Lakh		58,798.02	58,414.68	58,287.24	59,006.81	60,379.26	61,553.87
B.1	Capital Spares	Rs Lakh		328.78					
B.2	Interest & Contribution on Sinking Fund (1/4 per section 40, Part IV of DVC Act)	Rs Lakh	Appendix-3	2,906.92	3,110.41	3,378.14	3,561.11	3,810.39	4,077.11
B.3	Share of P&G	Rs Lakh	Appendix-4	895.52	1,860.22	1,950.80	2,042.51	2,138.52	2,239.04
B.4	Share of Common Office Expenditure	Rs Lakh	Appendix-5	89.77	98.33	103.52	106.85	91.89	83.76
B.5	Expenses for Ash Evacuation, Mega Insurance and Subsidiary Activities	Rs Lakh	Appendix-6	1,714.50	1,810.82	1,890.51	1,973.69	2,060.54	2,151.21
	Sub-total: B	Rs Lakh		5,595.49	6,882.78	7,274.97	7,684.16	8,101.34	8,551.13
	Grand Total (A+B)	Rs Lakh		64,393.52	65,297.46	65,562.21	66,690.97	68,480.60	70,105.00
C.1	Landed Fuel Cost (coal/gas/RLING/liquid) as per FSA approved by beneficiaries	Rs/Tonne							
	(%) of Fuel Quantity	(%)							
C.2	Landed Fuel Cost Imported Coal as per FSA approved by beneficiaries	Rs/Tonne							
	(%) of Fuel Quantity	(%)							
C.3	Landed Fuel Cost (coal/gas/RLING/liquid) other than FSA	Rs/Tonne							
	(%) of Fuel Quantity	(%)							
C.4	Landed Fuel Cost Imported Coal other than FSA	Rs/Tonne							
	(%) of Fuel Quantity	(%)							
C.1a	Landed Fuel Cost (Domestic Coal)	Rs/Tonne							
	(%) of Fuel Quantity	(%)							
C.1b	Landed Fuel Cost (Imported Coal)	Rs/Tonne							
	(%) of Fuel Quantity	(%)							
C.1c	Landed Fuel Cost (Oil)	Rs/Tonne							
	(%) of Fuel Quantity	(%)							
C.5	Secondary fuel oil cost	Rs/L							
	Energy Charge Rate ex-hus (Paice/WWh) 24, 24, 24	PI/Unit							
		PI/Unit							

Break-up is not available for C.1 to C.4. Consolidated figures are provided in C.1a, C.1b and C.1c.

Note



Name of the Petitioner
 Name of the Generating Station :
 Place (Region/District/State):

Summary of Tariff

Damodar Valley Corporation
 Chandrapura Thermal Power Station Unit 7 & 8
 Bokaro, Jharkhand

PART-I
 FORM-I

- 1: Details of calculations, considering equity as per regulation, to be furnished.
 2A: If multi fuel is used simultaneously, give 2 in respect of every fuel individually.
 2B: The rate of energy charge shall be computed for open cycle operation and combined cycle operation separately in case of gas/liquid fuel fired plants.
 2C: The total energy charge shall be worked out based on ex-bus energy scheduled to be sent out.
 2D: The Energy Charge rate for the month shall be based on fuel cost(s) and GCV(s) for the month as per Regulation 43.
 2E: In case breakup is not available for 2.1 to 2.5, consolidated statement needs to be submitted.

(Petitioner)



Petition No.....

**DAMODAR VALLEY CORPORATION****RAGHUNATHPUR THERMAL POWER STATION PHASE-I
(2 x 600 MW)****TRUE-UP PETITION FOR THE PERIOD FROM 01.04.2014 TO
31.03.2019
AND
PROVISIONAL TARIFF PETITION FOR THE PERIOD FROM
01.04.2019 TO 31.03.2024****VOLUME-I**

87 488

**BEFORE THE HONOURABLE CENTRAL ELECTRICITY
REGULATORY COMMISSION**

**3RD & 4TH FLOOR, CHANDERLOK BUILDING,
36, JANPATH, NEW DELHI-110 001**

PETITION NO. OF 2020

IN THE MATTER OF: Petition under Section 79(1) & 86 of CERC (Conduct of Business) Regulations, 1999, Section 62(1) (a) of the Electricity Act, 2003 and Regulations 8 of CERC (Terms and Conditions of Tariff) Regulations, 2014 for truing up of annual fixed charges for the period 2014 – 19 in respect of the Raghunathpur Thermal Power Station, Phase-I, Units-1 and 2 (2 x 600 MW).

AND IN THE MATTER OF: Petition under Section 79(1) & 86 of CERC (Conduct of Business) Regulations, 1999, Section 62(1) (a) of the Electricity Act, 2003 and Regulations 9(2) and 10 of CERC (Terms and Conditions of Tariff) Regulations, 2019 for determination of tariff for the period 2019 – 24 in respect of the Raghunathpur Thermal Power Station, Phase-I, Units-1 and 2 (2 x 600 MW).

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TARIFF FILING FORMS (THERMAL) FOR TARIFF PETITION FOR 2019-24

**FOR DETERMINATION OF TARIFF FOR 2019-24 IN RESPECT OF
RAGHUNATHPUR THERMAL POWER STATION PHASE-I UNITS 1 & 2**

PART-I

Annexure-2



Summary of Tariff

Name of the Petitioner
Damodar Valley Corporation
Name of the Generating Station :
Raghunathpur Thermal Power Station Phase-I
Place (Region/District/State):
West Bengal.

Sr. No.	Particulars	Unit	Form References	Existing 2018-19	2019-20	2020-21	2021-22	2022-23	2023-24
1	2	3		4	5	6	7	8	9
A	Cost components as per Regulations 28, 30, 31, 32, 33, 34, 35 of the CERC (Terms and Conditions of Tariff) Regulations, 2019, to be recovered on the basis of availability								
A.1	Depreciation	Rs Lakh	Form 12	42,148.72	45,484.71	49,164.43	49,732.83	49,774.21	49,806.70
A.2	Interest on Loan	Rs Lakh	Form N	28,644.81	27,475.27	26,137.81	21,699.44	16,733.98	11,747.28
A.3	Return on Equity	Rs Lakh	Form 1 (I) & (II)	32,998.44	35,603.75	38,475.94	38,918.14	38,949.91	38,975.22
A.4	Interest on Working Capital	Rs Lakh	Form O	9,536.42	9,413.21	9,543.05	9,559.03	9,555.46	9,573.81
A.5	O & M Expenses	Rs Lakh	Form 2 & Form 3	22,036.00	24,312.00	25,164.00	26,032.00	26,964.00	27,912.00
A.6	Water Charges	Rs Lakh	Form 19	407.12	3,336.58	3,660.22	4,026.24	4,428.86	4,885.09
A.7	Security Expenses	Rs Lakh	Appendix-2	2,248.27	2,356.69	2,470.33	2,589.45	2,714.32	2,845.20
A.8	Special allowance (If applicable)	Rs Lakh	Appendix-1	-	-	-	-	-	-
A.9	Compensation Allowance (If applicable - relevant for column 4 only)	Rs Lakh							
	Sub-total: A	Rs Lakh		1,38,039.78	1,47,982.21	1,54,615.78	1,52,577.14	1,49,120.74	1,45,745.31
B	Cost components as per Regulation 35(1)(6) and 61(1) of the CERC (Terms and Conditions of Tariff) Regulations 2019, Subsequent CERC/Court Orders, and the DVC Act, to be recovered in full on sharing basis								
B.1	Capital Spares	Rs Lakh		274.28					
B.2	DVC's share of savings in interest cost due to loan restructuring	Rs Lakh	Appendix-8	1,257.31	1,691.75	1,528.88	1,191.38	845.07	527.15
B.3	Interest & Contribution on Sinking Fund (As per section 40, Part IV of DVC Act)	Rs Lakh	Appendix-3	885.00	946.95	1,013.23	1,084.16	1,160.05	1,241.25
B.4	Share of P&G	Rs Lakh	Appendix-4	2,149.25	4,471.73	4,681.93	4,902.01	5,132.44	5,373.70
B.5	Share of Common Office Expenditure	Rs Lakh	Appendix-5	215.45	235.98	253.26	256.45	220.55	201.03
B.6	Expenses for Ash Evacuation, Mega Insurance and Subsidiary Activities	Rs Lakh	Appendix-6	575.09	602.82	631.89	662.36	694.30	727.78
	Sub-total: B	Rs Lakh		5,356.38	7,949.23	8,109.19	8,096.37	8,952.41	8,070.92
	Grand Total (A+B)	Rs Lakh		1,43,396.16	1,55,931.44	1,62,724.97	1,60,673.50	1,57,173.15	1,53,816.23

Not applicable as per 2019 Tariff Regulations

Will be claimed on actual basis at the time of truing up



C.1	Landed Fuel Cost (coal/gas/RLNG/ liquid) as per FSA approved by beneficiaries	Rs/Tone
	(%) of Fuel Quantity	(%)
C.2	Landed Fuel Cost Imported Coal as per FSA approved by beneficiaries	Rs/Tone
	(%) of Fuel Quantity	(%)
C.3	Landed Fuel Cost (coal/gas /RLNG/liquid) other than FSA	Rs/Tone
	(%) of Fuel Quantity	(%)
C.4	Landed Fuel Cost Imported Coal other than FSA.	Rs/Tone
	(%) of Fuel Quantity	(%)
C.1a	Landed Fuel Cost (Domestic Coal)	Rs/Tone
	(%) of Fuel Quantity	(%)
C.1b	Landed Fuel Cost (Imported Coal)	Rs/Tone
	(%) of Fuel Quantity	(%)
C.1c	Landed Fuel Cost (Oil)	Rs/KL
	Secondary fuel oil cost	P/Unit
C.5	Energy Charge Rate ex-bus (Paise/kWh) 2A, 2B, 2C, 2D	P/Unit
	Appendix-7	Appendix-7
Form-15 (Coal)		Form-15 (Oil)
3,236.92		59,525.16
100.00%		0.00%
Not applicable		Not applicable
Not applicable		0%
3,514.89		46,823.52
100%		2.34
Not applicable		224.68

Break-up is not available for 2.1 to 2.4. Consolidated figures are provided in 2.1a, 2.1b and 2.1c.

Note

1: Details of calculations, considering equity as per regulation, to be furnished.

2A: If multi fuel is used simultaneously, give 2 in respect of every fuel individually.

2B: The rate of energy charge shall be computed for open cycle operation and combined cycle operation separately in case of gas/liquid fuel fired plants.

2C: The total energy charge shall be worked out based on ex-bus energy scheduled to be sent out.

2D: The Energy Charge rate for the month shall be based on fuel cost(s) and GCV(s) for the month as per Regulation 43.

2E: In case breakup is not available for 2.1 to 2.5, consolidated statement needs to be submitted.

(Petitioner)



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Petition No

**DAMODAR VALLEY CORPORATION**

SUBMISSION OF ADDITIONAL INFORMATION IN
RESPECT OF PETITION FILED VIDE AFFIDAVIT DT.

21.01.2020 FOR TRUING UP OF ANNUAL FIXED
CHARGES FOR THE PERIOD 2014 – 19 AND
DETERMINATION OF TARIFF FOR THE PERIOD 2019 –
24 IN RESPECT OF THE KODERMA THERMAL POWER
STATION UNIT – 1 AND 2 (1000 MW)



**BEFORE THE HONOURABLE CENTRAL ELECTRICITY
REGULATORY COMMISSION**

3RD & 4TH FLOOR, CHANDERLOK BUILDING,

36, JANPATH, NEW DELHI-110 001

PETITION NO. OF 2020

DIARY NO: 233/2020 DT. 28.01.2020

IN THE MATTER OF: Petition under Section 79(1) & 86 of CERC (Conduct of Business) Regulations, 1999, Section 62(1) (a) of the Electricity Act, 2003 and Regulations 8 of CERC (Terms and Conditions of Tariff) Regulations, 2014 for truing up of annual fixed charges for the period 2014 – 19 in respect of the Koderma Thermal Power Station, Units-I and II (1000 MW).

AND IN THE MATTER OF: Petition under Section 79(1) & 86 of CERC (Conduct of Business) Regulations, 1999, Section 62(1) (a) of the Electricity Act, 2003 and Regulations 9(2) and 10 of CERC (Terms and Conditions of Tariff) Regulations, 2019 for determination of tariff for the period 2019 – 24 in respect of the Koderma Thermal Power Station, Units-I and II (1000 MW).

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**TARIFF FILING FORMS (THERMAL) FOR TARIFF PETITION FOR 2019-24
FOR DETERMINATION OF TARIFF FOR 2019-24 IN RESPECT OF KODERMA
THERMAL POWER STATION UNIT 1 & 2**

PART-I

Annexure-2



Damodar Valley Corporation
Name of the Generating Station :
Koderma Thermal Power Station Unit 1&2
Place (Region/District/State):
Koderma, Jharkhand

Sr. No.	Particulars	Unit	Form references	Existing 2018-19	2019-20	2020-21	2021-22	2022-23	2023-24
1	Cost components as per Regulations 28, 30, 31, 32, 33, 34, 35 of the CERC (Terms and Conditions of Tariff) Regulations, 2019, to be recovered on the basis of availability	3	Form 12 Form N Form 1 (I) & (II) Form O Form 2 & Form 3 Form 19 Appendix-2 Appendix-1	4	5	6	7	8	9
A.1	Depreciation	Rs Lakh	34,757.24	35,648.37	36,105.06	36,669.57	36,949.44	37,065.96	37,065.96
A.2	Interest on Loan	Rs Lakh	26,392.79	24,004.21	20,887.10	17,841.89	14,430.29	10,872.47	10,872.47
A.3	Return on Equity	Rs Lakh	18,292.11	19,109.54	19,526.30	20,042.03	20,297.13	20,403.48	20,403.48
A.4	Interest on Working Capital	Rs Lakh	9,676.03	7,711.77	7,735.78	7,781.58	7,817.06	7,862.77	7,862.77
A.5	O & M Expenses	Rs Lakh	20,430.00	22,510.00	23,300.00	24,120.00	24,970.00	25,840.00	25,840.00
A.6	Water Charges	Rs Lakh	846.15	2,780.49	3,050.18	3,355.20	3,690.72	4,070.91	4,070.91
A.7	Security Expenses	Rs Lakh	3,018.23	3,163.42	3,315.60	3,475.09	3,642.26	3,817.48	3,817.48
A.8	Special allowance (If applicable)								
A.9	Compensation Allowance (If applicable - relevant for column 4 only)								
	Sub-total: A	Rs Lakh		1,13,412.54	1,14,927.80	1,13,920.01	1,13,285.36	1,11,796.90	1,09,883.07
B	Cost components as per Regulation 35(1)(6) of the CERC (Terms and Conditions of Tariff) Regulations 2019, Subsequent CERC/Court Orders, and the DVC Act, to be recovered in full on sharing basis								
B.1	Capital Spares	Rs Lakh	978.00						
B.2	Interest & Contribution on Sinking Fund (As per section 40, Part IV of DVC Act)	Rs Lakh	6,194.98		6,628.63	7,092.63	7,589.12	8,120.35	8,688.78
B.3	Share of P&G	Rs Lakh	1,791.04		3,726.44	3,901.61	4,085.01	4,277.03	4,478.08
B.4	Expenses for Ash Evacuation, Mega Insurance and Subsidiary Activities	Rs Lakh	179.55		196.65	211.05	213.71	183.79	167.53
B.5	Sub-total: B	Rs Lakh	1,531.10		1,604.76	1,681.95	1,762.86	1,847.66	1,936.55
C.1	Grand Total (A+B)	Rs Lakh	10,674.67		12,156.48	12,887.24	13,650.70	14,428.84	15,270.94
	Landed Fuel Cost (coal/gas/RLNG/liquid) as per FSA approved by beneficiaries	Rs/Tonne	1,24,087.21		1,27,084.27	1,26,936.06	1,26,225.74	1,25,154.00	1,25,154.00
C.2	Landed Fuel Cost Imported Coal as per FSA approved by beneficiaries	(%)							
C.3	Landed Fuel Cost (coal/gas/RLNG/liquid) other than FSA	(%)							
C.4	Landed Fuel Cost Imported Coal other than FSA	(%)							
C.1a	Landed Fuel Quantity	Rs/Ton							
C.1b	Landed Fuel Cost (Domestic Coal)	Rs/Ton							
C.1c	Landed Fuel Cost (Imported Coal)	Rs/Ton							
C.1d	Landed Fuel Cost (Oil)	Rs/KL							
C.5	Secondary fuel oil cost	P/Unit							
	Energy Charge Rate ex-bus (Paise/kWh) 2A, 2B, 2C, 2D	P/Unit							
			2,517.04			3,453.13			
			100.00%			100%			
			Not applicable			Not applicable			
			0.00%			0%			
			64,599.18			42,951.32			
			3.23			2.15			
			181.45			215.43			

Break-up is not available for C.1 to C.4. Consolidated figures are provided in C.1a, C.1b and C.1c.

Note

1: Details of calculations, considering equity as per regulation, to be furnished.
2A: If multi fuel is used simultaneously, give 2 in respect of every fuel individually.
2B: The rate of energy charge shall be computed for open cycle operation and combined cycle operation separately in case of gas/liquid fuel fired plants.

2C: The total energy charge shall be worked out based on ex-bus energy scheduled to be sent out.

2D: The Energy Charge rate for the month shall be based on fuel cost(s) and GCV(s) for the month as per Regulation 43.

2E: In case break-up is not available for 2.1 to 2.5, consolidated statement needs to be submitted.



[Signature]

(Petitioner)

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Petition No.....



DAMODAR VALLEY CORPORATION

DURGAPUR STEEL THERMAL POWER STATION

(2 x 500 MW)

**TRUE-UP PETITION FOR THE PERIOD FROM 01.04.2014 TO
31.03.2019**

AND

**PROVISIONAL TARIFF PETITION FOR THE PERIOD FROM
01.04.2019 TO 31.03.2024**

VOLUME-I



**BEFORE THE HONOURABLE CENTRAL ELECTRICITY
REGULATORY COMMISSION**

**3RD & 4TH FLOOR, CHANDERLOK BUILDING,
36, JANPATH, NEW DELHI-110 001**

PETITION NO. OF 2020

IN THE MATTER OF: Petition under Section 79(1) & 86 of CERC (Conduct of Business) Regulations, 1999, Section 62(1) (a) of the Electricity Act, 2003 and Regulation 8 of CERC (Terms and Conditions of Tariff) Regulations, 2014 for trueing up of annual fixed charges for the period 2014 – 19 in respect of the Durgapur Steel Thermal Power Station (2 x 500 MW).

AND IN THE MATTER OF: Petition under Section 79(1) & 86 of CERC (Conduct of Business) Regulations, 1999, Section 62(1) (a) of the Electricity Act, 2003 and Regulations 9(2) and 10 of CERC (Terms and Conditions of Tariff) Regulations, 2019 for determination of tariff for the period 2019 – 24 in respect of the Durgapur Steel Thermal Power Station (2 x 500 MW).

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**TARIFF FILING FORMS (THERMAL) FOR TARIFF PETITION FOR 2019-24
FOR DETERMINATION OF TARIFF FOR 2019-24 IN RESPECT OF DURGAPUR
STEEL THERMAL POWER STATION UNITS 1 & 2**

PART-I

Annexure-2.



Summary of Tariff

Name of the Petitioner
Name of the Generating Station :
Place (Region/District/State):

Damodar Valley Corporation
Durgapur Steel Thermal Power Station
West Bengal

Sr. No.	Particulars	Unit	Form references	Existing 2018-19	2019-20	2020-21	2021-22	2022-23	2023-24
1	2	3		4	5	6	7	8	9
A	Cost components as per Regulations 28, 30, 31, 32, 33, 34, 35 of the CERC (Terms and Conditions of Tariff) Regulations, 2019, to be recovered on the basis of availability								
A.1	Depreciation	Rs Lakh	Form 12	36,681.08	36,899.13	37,137.26	37,233.74	37,338.32	37,412.94
A.2	Interest on Loan	Rs Lakh	Form N	19,603.56	16,148.74	12,650.68	8,996.87	5,331.48	1,762.70
A.3	Return on Equity	Rs Lakh	Form 1 (I) & (II)	25,507.96	25,696.36	25,901.39	25,983.78	26,073.54	26,137.63
A.4	Interest on Working Capital	Rs Lakh	Form O	11,433.57	8,473.12	8,475.52	8,491.32	8,511.02	8,552.00
A.5	O & M Expenses	Rs Lakh	Form 2 & Form 3	20,430.00	22,510.00	23,300.00	24,120.00	24,970.00	25,840.00
A.6	Water Charges	Rs Lakh	Form 19	936.50	2,780.49	3,050.18	3,355.20	3,690.72	4,070.91
A.7	Security Expenses	Rs Lakh	Appendix-2	1,948.41	2,042.14	2,140.37	2,243.34	2,351.25	2,464.36
A.8	Special allowance (If applicable)	Rs Lakh	Appendix-1						
A.9	Compensation Allowance (If applicable - relevant for column 4 only)	Rs Lakh							
	Sub-total: A	Rs Lakh		1,16,541.08	1,14,549.97	1,12,655.40	1,10,424.24	1,08,266.33	1,06,240.54
B	Cost components as per Regulation 35(1)(6) and 61(I) of the CERC (Terms and Conditions of Tariff) Regulations 2014, Subsequent CERC/Court Orders, and the DVC Act, to be recovered in full on sharing basis								
B.1	Capital Spares	Rs Lakh		769.17					
B.2	DVC's share of savings in interest cost due to loan restructuring	Rs Lakh	Appendix-8	603.40	663.13	470.76	294.04	145.44	36.55
B.3	Interest & Contribution on Sinking Fund (As per section 40, Part IV of DVC Act)	Rs Lakh	Appendix-3	5,684.65	6,082.38	6,508.36	6,963.94	7,451.42	7,973.02
B.4	Share of P&G	Rs Lakh	Appendix-4	1,791.04	3,726.44	3,901.61	4,085.01	4,277.03	4,478.08
B.5	Share of Common Office Expenditure	Rs Lakh	Appendix-5	179.55	196.65	211.05	213.71	183.79	167.53
B.6	Expenses for Ash Evacuation, Mega Insurance and Subsidiary Activities	Rs Lakh	Appendix-6	599.87	628.73	658.97	690.67	723.90	758.72
	Sub-total: B	Rs Lakh		9,627.69	11,297.53	11,750.75	12,247.37	12,781.58	13,413.89
	Grand Total (A+B)	Rs Lakh		1,26,168.77	1,25,847.51	1,24,406.15	1,22,671.61	1,21,047.92	1,19,654.44

Not applicable as per 2019 Tariff Regulations

Will be claimed on actual basis at the time of truing up



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C.1	Landed Fuel Cost (coal/gas/RLNG/ liquid) as per FSA approved by beneficiaries	Rs/Tone	
	(%) of Fuel Quantity	(%)	
C.2	Landed Fuel Cost Imported Coal as per FSA approved by beneficiaries	Rs/Ton	
	(%) of Fuel Quantity	(%)	
C.3	Landed Fuel Cost (coal/gas /RLNG/liquid) other than FSA	Rs/Ton	
	(%) of Fuel Quantity	(%)	
C.4	Landed Fuel Cost Imported Coal other than FSA	Rs/Ton	
	(%) of Fuel Quantity	(%)	
C.1a	Landed Fuel Cost (Domestic Coal)	Rs/Ton	3,167.81
	(%) of Fuel Quantity	(%)	88.92%
C.1b	Landed Fuel Cost (Imported Coal)	Rs/Ton	7,250.07
	(%) of Fuel Quantity	(%)	11.08%
C.1c	Landed Fuel Cost (Oil)	Rs/KL	59,525.16
	Secondary fuel oil cost	P/Unit	2.98
C.5	Energy Charge Rate ex-bus (Paise/kWh) 2A, 2B, 2C, 2D	P/Unit	249.99
			251.98

Break-up is not available for C.1 to C.4. Consolidated figures are provided in C.1a, C.1b and C.1c.

Note

- 1: Details of calculations, considering equity as per regulation, to be furnished.
- 2A: If multi fuel is used simultaneously, give 2 in respect of every fuel individually.
- 2B: The rate of energy charge shall be computed for open cycle operation and combined cycle operation separately in case of gas/liquid fuel fired plants.
- 2C: The total energy charge shall be worked out based on ex-bus energy scheduled to be sent out.
- 2D: The Energy Charge rate for the month shall be based on fuel cost(s) and GCV(s) for the month as per Regulation 43.
- 2E. In case breakup is not available for 2.1 to 2.5, consolidated statement needs to be submitted.



99

467

(Petitioner)

Petition No

**DAMODAR VALLEY CORPORATION**

SUBMISSION OF ADDITIONAL INFORMATION IN
RESPECT OF PETITION FILED VIDE AFFIDAVIT DT.
21.01.2020 FOR TRUING UP OF ANNUAL FIXED
CHARGES FOR THE PERIOD 2017 – 19 AND
DETERMINATION OF TARIFF FOR THE PERIOD 2019 –
24 IN RESPECT OF THE BOKARO 'A' THERMAL
POWER STATION UNIT - 1(500 MW)

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**BEFORE THE HONOURABLE CENTRAL ELECTRICITY
REGULATORY COMMISSION**

**3RD & 4TH FLOOR, CHANDERLOK BUILDING,
36, JANPATH, NEW DELHI-110 001**

PETITION NO. OF 2020

DIARY NO: 198/2020 DT. 25.01.2020

IN THE MATTER OF: Petition under Section 79(1) & 86 of CERC (Conduct of Business) Regulations, 1999, Section 62(1) (a) of the Electricity Act, 2003 and Regulations 8 of CERC (Terms and Conditions of Tariff) Regulations, 2014 for truing up of annual fixed charges for the period 2017 – 19 in respect of the Bokaro 'A' Thermal Power Station Unit - 1(500 MW).

AND IN THE MATTER OF: Petition under Section 79(1) & 86 of CERC (Conduct of Business) Regulations, 1999, Section 62(1) (a) of the Electricity Act, 2003 and Regulations 9(2) and 10 of CERC (Terms and Conditions of Tariff) Regulations, 2019 for determination of tariff for the period 2019 – 24 in respect of the Bokaro 'A' Thermal Power Station Unit - 1(500 MW).

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**TARIFF FILING FORMS (THERMAL) FOR TARIFF PETITION FOR 2019-24
FOR DETERMINATION OF TARIFF FOR 2019-24 IN RESPECT OF BOKARO
THERMAL POWER STATION 'A' UNIT 1 (500 MW)**

PART-I

Annexure-2



Handwritten signature in blue ink.

Name of the Petitioner
Name of the Generating Station :
Place (Region/District/State):

Dumodar Valley Corporation
Bokaro Thermal Power Station 'A', Unit 1 (500 MW)
Bokaro, Jharkhand

PART-1
FORM-1

Summary of Tariff

Sr. No.	Particulars	Unit	Form reference	Existing 2018-19	2019-20	2020-21	2021-22	2022-23	2023-24
1	2	3	4	5	6	7	8	9	
A	Cost components as per Regulations 28, 30, 31, 32, 33, 34, 35 of the CERC (Terms and Conditions of Tariff) Regulations, 2019, to be recovered on the basis of availability								
A.1	Depreciation	R/Lakh	Form 12	30,011.55	31,199.98	31,719.21	32,234.88	32,690.14	33,074.57
A.2	Interest on Loan	R/Lakh	Form N	23,321.19	21,309.16	18,570.31	15,776.69	12,882.07	9,883.75
A.3	Return on Equity	R/Lakh	Form 1 (I) & (II)	23,281.46	24,181.17	24,546.09	24,914.76	25,252.17	25,550.27
A.4	Interest on Working Capital	R/Lakh	Form O	5,317.05	3,952.50	3,949.99	3,953.93	3,956.49	3,963.29
A.5	O & M Expenses	R/Lakh	Form 2 & Form 3	10,215.00	11,255.00	11,650.00	12,060.00	12,485.00	12,920.00
A.6	Water Charges	R/Lakh	Form 19	561.82	1,390.24	1,525.09	1,677.60	1,845.36	2,035.46
A.7	Security Expenses	R/Lakh	Appendix-2	2,008.29	2,104.90	2,206.16	2,312.29	2,423.52	2,540.10
A.8	Special allowance (if applicable)		Appendix-1						
A.9	Compensation Allowances (if applicable - relevant for column 4 only)								
	Sub-total: A	R/Lakh		94,716.36	95,392.95	94,166.85	92,930.14	91,534.74	89,967.44
B	Cost components as per Regulation 35(1)(g) and 61(1) of the CERC (Terms and Conditions of Tariff) Regulations 2019, Subsequent CERC/Court Orders, and the DVC Act, to be recovered in full on sharing basis								
B.1	Capital Spares	R/Lakh							
B.2	DVC's share of savings in interest cost due to loan restructuring	R/Lakh	Appendix-8	678.42	900.31	759.06	616.25	471.17	326.08
B.3	Share of P&G	R/Lakh	Appendix-3	895.52	1,863.22	1,950.80	2,042.51	2,138.52	2,239.04
B.4	Share of Common Office Expenditure	R/Lakh	Appendix-5	89.77	98.33	105.52	106.85	91.89	83.76
B.5	Expenses for Ash Evacuation, Mega Insurance and Subsidiary Activities	R/Lakh	Appendix-6	609.73	639.06	669.80	702.02	735.79	771.19
	Sub-total: B	R/Lakh		2,273.44	3,500.92	3,485.19	3,467.63	3,437.37	3,420.07
C.1	Grand Total (A+B)	R/Lakh		96,989.80	98,893.87	97,652.03	96,397.78	94,972.12	93,387.52
C.2	Landed Fuel Cost (coal/gas/RLNG/liquid) as per FSA approved by beneficiaries	R/Tonne							
C.3	Landed Fuel Cost Imported Coal as per FSA approved by beneficiaries	R/Tonne							
C.4	Landed Fuel Cost (coal/gas/RLNG/liquid) other than FSA	R/Tonne							
C.5	Landed Fuel Cost Imported Coal other than FSA	R/Tonne							
C.6	Landed Fuel Cost (Domestic Coal)	R/Tonne							
C.7	Landed Fuel Cost (Imported Coal)	R/Tonne							
C.8	Landed Fuel Cost (Oil)	R/KL							
C.9	Secondary fuel oil cost	P/Unit							
C.10	Energy Charge Rate ex-bus	(Paise/kWh)							
	Form-15 (Coal)			2,866.95			3,097.63		
	Form-15 (Oil)			100.00%			100%		
	Appendix-5			Not applicable			Not applicable		
	Appendix-5			0.00%			0%		
	Appendix-5			38,239.65			37,803.36		
	Appendix-5			1.91			1.89		
	Appendix-5			193.48			174.91		

Break-up is not available for C.1 to C.4. Consolidated figures are provided in C.1a, C.1b and C.1c.

Note

- Details of calculations, considering equity as per regulation, to be furnished.
- If multi fuel is used simultaneously, give 2 in respect of every fuel individually.
- The rate of energy charge shall be computed for open cycle operation and combined cycle operation separately in case of gas/liquid fuel fired plants.
- The total energy charge shall be worked out based on ex-bus energy scheduled to be sent out.
- The Energy Charge rate for the month shall be based on fuel cost(s) and GCV(s) for the month as per Regulation 43.
- In case breakup is not available for 2.1 to 2.5, consolidated statement needs to be submitted.



Signature

(Petitioner)

Name of the Petitioner
Name of the Generating Station :

PART-I
FORM- I (F)

Danodhar Valley Corporation
Bokaro Thermal Power Station "A", Unit 1 (500 MW)

Statement showing claimed capital cost - (A+B)

Sl. No. (1)	Particulars (2)	2019-20 (3)	2020-21 (4)	2021-22 (5)	2022-23 (6)	2023-24 (7)
1	Opening Capital Cost	4,04,850.06	4,11,831.25	4,18,441.37	4,25,329.23	4,30,358.11
2	Add: Addition during the year / period	6,981.19	6,610.12	6,887.85	5,205.12	5,178.12
3	Less: De-capitalisation during the year / period	-	-	-	-	-
4	Less: Reversal during the year / period	-	-	-	-	-
4a	Less: Undischarged liabilities	-	-	-	-	-
5	Add: Discharges during the year / period	-	-	-	-	-
6	Closing Capital Cost	4,11,831.25	4,18,441.37	4,25,329.23	4,30,358.11	4,35,392.03
7	Average Capital Cost	4,08,340.66	4,15,136.31	4,21,885.30	4,27,843.67	4,32,875.07

Statement showing claimed capital cost eligible for RoE at normal rate (A)

S. No. (1)	Particulars (2)	2019-20 (3)	2020-21 (4)	2021-22 (5)	2022-23 (6)	2023-24 (7)
1	Opening Capital Cost	4,04,850.06	4,09,628.19	4,14,688.31	4,20,026.16	4,25,055.04
2	Add: Addition during the year / period	4,778.12	5,060.12	5,337.85	5,205.12	5,178.12
3	Less: De-capitalisation during the year / period	-	-	-	-	-
4	Less: Reversal during the year / period	-	-	-	-	-
4a	Less: Undischarged liabilities	-	-	-	-	-
5	Add: Discharges during the year / period	-	-	-	-	-
6	Closing Capital Cost	4,09,628.19	4,14,688.31	4,20,026.16	4,25,055.04	4,30,088.97
7	Average Capital Cost	4,07,239.12	4,12,158.25	4,17,357.24	4,22,540.60	4,27,572.01

Statement showing claimed capital cost eligible for RoE at weighted average rate of interest on actual loan portfolio (B)

S. No. (1)	Particulars (2)	2019-20 (3)	2020-21 (4)	2021-22 (5)	2022-23 (6)	2023-24 (7)
1	Opening Capital Cost	2,203.06	2,203.06	3,753.06	5,303.06	5,303.06
2	Add: Addition during the year / period	-	-	-	-	-
3	Less: De-capitalisation during the year / period	-	-	-	-	-
4	Less: Reversal during the year / period	-	-	-	-	-
4a	Less: Undischarged liabilities	-	-	-	-	-
5	Add: Discharges during the year / period	-	-	-	-	-
6	Closing Capital Cost	2,203.06	3,753.06	5,303.06	5,303.06	5,303.06
7	Average Capital Cost	1,101.53	2,978.06	4,528.06	5,303.06	5,303.06



[Signature]

(Petitioner)

104 472

Petition No.....



DAMODAR VALLEY CORPORATION

TILAIYA HYDEL POWER STATION UNIT I AND II
(2 x 2 MW)

TRUE-UP PETITION FOR THE PERIOD FROM 01.04.2014 TO
31.03.2019
AND
PROVISIONAL TARIFF PETITION FOR THE PERIOD FROM
01.04.2019 TO 31.03.2024

VOLUME-I



**BEFORE THE HONOURABLE CENTRAL ELECTRICITY
REGULATORY COMMISSION**

**3RD & 4TH FLOOR, CHANDERLOK BUILDING,
36, JANPATH, NEW DELHI-110 001**

PETITION NO. OF 2020

IN THE MATTER OF: Petition under Section 79(1) & 86 of CERC (Conduct of Business) Regulations, 1999, Section 62(1)(a) of the Electricity Act, 2003 and Regulation 8 of CERC (Terms and Conditions of Tariff) Regulations, 2014 for truing up of annual fixed charges for the period 2014 – 19 in respect of the Tilaiya Hydel Power station, Unit No. I & II (2X2 MW).

AND IN THE MATTER OF: Petition under Section 79(1) & 86 of CERC (Conduct of Business) Regulations, 1999, Section 62(1)(a) of the Electricity Act, 2003 and Regulations 9(2) and 10 of CERC (Terms and Conditions of Tariff) Regulations, 2019 for determination of tariff for the period 2019 – 24 in respect of the Tilaiya Hydel Power station, Unit No. I & II (2X2 MW).

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**TARIFF FILING FORMS (HYDRO) FOR TARIFF PETITION FOR 2019-24
FOR DETERMINATION OF TARIFF FOR 2019-24 IN RESPECT OF TILAIYA HYDEL POWER
STATION**

PART-II

Annexure-2



4

Name of the Petitioner:
Name of the Generating Station:
Place (Region/District/State):

Damodar Valley Corporation
Tilaiya Hydel Power Station
Koderma, Jharkhand

Summary of Tariff

PART-II
FORM- I

Sr. No.	Particulars	Unit	Form references	Existing 2018-19	2019-20	2020-21	2021-22	2022-23	2023-24
(1)	(2)			(3)	(4)	(5)	(6)	(7)	(8)
A	Cost components as per Regulations 30, 31, 32, 33, 34, 35 of the CERC (Terms and Conditions of Tariff) Regulations, 2019, to be recovered on the basis of availability								
A.1	Depreciation	Rs Lakh	Form 2	0.67	0.68	34.34	49.16	49.16	49.16
A.2	Interest on Loan	Rs Lakh	Form 3A	0.02	0.02	13.78	25.07	30.08	15.09
A.3	Return on Equity	Rs Lakh	Form-1 (I) & (II)	28.31	28.35	41.41	54.46	54.46	54.46
A.4	Interest on Working Capital	Rs Lakh	Form 3B	51.71	41.76	44.64	47.30	49.35	51.52
A.5	O & M Expenses	Rs Lakh		904.10	900.17	943.08	983.03	1,035.13	1,084.47
A.6	Security Expenses	Rs Lakh	Appendix-2	33.11	34.34	35.61	36.93	38.30	39.72
	Sub-total: A	Rs Lakh		1,017.91	1,005.32	1,112.86	1,206.94	1,246.48	1,294.41
B	Cost components as per Regulations 35(2)(a), 35(2)(c) and 61(1) of the CERC (Terms and Conditions of Tariff) Regulations 2019, Subsequent CERC/Court Orders, and the DVC Act, to be recovered in full on sharing basis								
B.1	Capital Spares	Rs Lakh							
B.2	DVC's share of savings in interest cost due to loan restructuring	Rs Lakh	Appendix-7		0.001	0.64	1.16	0.93	0.70
B.3	Impact of Pay Revision due to recommendation of 7th Pay Commission	Rs Lakh	Appendix-3a	4.31	4.47	4.63	4.80	4.98	5.17
B.4	Impact of GST as "Change in Law"	Rs Lakh	Appendix-3b	0.02	0.02	0.02	0.02	0.02	0.02
B.5	Share of P&G	Rs Lakh	Appendix-4	7.16	14.91	15.61	16.34	17.11	17.91
B.6	Share of Common Office Expenditure	Rs Lakh	Appendix-5	0.72	0.79	0.84	0.85	0.74	0.67
B.7	Expenses due to Mugu insurance and Expenditure for Subsidiary activity	Rs Lakh	Appendix-6	2.28	2.37	2.45	2.54	2.64	2.74
	Sub-total: B	Rs Lakh		14.49	22.54	24.19	25.72	26.41	27.20
	Grand Total (A + B)	Rs Lakh		1,032.40	1,027.87	1,137.05	1,226.66	1,272.89	1,321.61

Will be claimed on actual basis at the time of truing up

Note

1: Details of calculations, considering equity as per regulation, to be furnished.



(Petitioner)

108

476

Petition No.....



DAMODAR VALLEY CORPORATION

PANCHET HYDEL POWER STATION UNIT I AND II
(2 x 40 MW)

TRUE-UP PETITION FOR THE PERIOD FROM 01.04.2014 TO
31.03.2019

AND

PROVISIONAL TARIFF PETITION FOR THE PERIOD FROM
01.04.2019 TO 31.03.2024

VOLUME-I



**BEFORE THE HONOURABLE CENTRAL ELECTRICITY
REGULATORY COMMISSION**

**3RD & 4TH FLOOR, CHANDERLOK BUILDING,
36, JANPATH, NEW DELHI-110 001**

PETITION NO. OF 2020

IN THE MATTER OF: Petition under Section 79(1) & 86 of CERC (Conduct of Business) Regulations, 1999, Section 62(1) (a) of the Electricity Act, 2003 and Regulation 8 of CERC (Terms and Conditions of Tariff) Regulations, 2014 for true up of annual fixed charges for the period 2014 – 19 in respect of the Panchet Hydel Power station, Unit No. I & II (2X40 MW).

AND IN THE MATTER OF: Petition under Section 79(1) & 86 of CERC (Conduct of Business) Regulations, 1999, Section 62(1) (a) of the Electricity Act, 2003 and Regulations 9(2) and 10 of CERC (Terms and Conditions of Tariff) Regulations, 2019 for determination of tariff for the period 2019 – 24 in respect of the Panchet Hydel Power station, Unit No. I & II (2X40 MW).

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TARIFF FILING FORMS (HYDRO) FOR TARIFF PETITION FOR 2019-24
FOR DETERMINATION OF TARIFF FOR 2019-24 IN RESPECT OF PANCHET HYDEL POWER
STATION

PART-II

Annexure-2



Summary of Tariff

**PART-II
FORM-1**

Name of the Petitioner: Damodar Valley Corporation
Name of the Generating Station: Panchet Hydel Power Station
Place (Region/District/State): Panchet, Dhanbad, Jharkhand

Sr. No.	Particulars	Unit	Form references	Existing 2018-19	2019-20	2020-21	2021-22	2022-23	2023-24
(1)	(2)			(3)	(4)	(5)	(6)	(7)	(8)
A.	Cost components as per Regulations 30, 31, 32, 33, 34, 35 of the CERC (Terms and Conditions of Tariff) Regulations, 2019, to be recovered on the basis of availability								
A.1	Depreciation	Rs Lakh	Form 12	29.71	34.96	223.53	267.19	-	-
A.2	Interest on Loan	Rs Lakh	Form 13A	0.80	1.62	7.86	6.23	-	-
A.3	Return on Equity	Rs Lakh	Form-1 (I) & (II)	536.05	538.50	552.31	563.74	563.74	563.74
A.4	Interest on Working Capital	Rs Lakh	Form 13B	143.64	139.19	148.88	156.51	159.43	166.91
A.5	O & M Expenses	Rs Lakh		2,000.20	2,191.37	2,295.83	2,405.26	2,519.90	2,640.02
A.6	Security Expenses	Rs Lakh	Appendix-2	595.08	629.05	664.95	702.90	743.02	785.43
	Sub-total: A	Rs Lakh		3,305.49	3,534.69	3,893.36	4,101.84	3,986.10	4,156.11
B	Cost components as per Regulations 35(2)(a), 35(2)(c) and 61(1) of the CERC (Terms and Conditions of Tariff) Regulations 2019, Subsequent CERC/Court Orders, and the DVC Act, to be recovered in full on sharing basis								
B.1	Capital Spares	Rs Lakh							
B.2	DVC's share of savings in interest cost due to loan restructuring	Rs Lakh	Appendix-7		0.07	0.36	0.29	-	-
B.3	Impact of Pay Revision due to recommendation of 7th Pay Commission	Rs Lakh	Appendix-3a	86.15	91.06	96.26	101.75	107.56	113.70
B.4	Impact of GST as "Change in Law"	Rs Lakh	Appendix-3b	0.32	0.33	0.35	0.37	0.39	0.42
B.5	Share of P&G	Rs Lakh	Appendix-4	143.28	298.12	312.13	326.80	342.16	358.25
B.6	Share of Common Office Expenditure	Rs Lakh	Appendix-5	14.36	15.73	16.88	17.10	14.70	13.40
B.7	Expenses due to Mega insurance and Expenditure for Subsidiary activity	Rs Lakh	Appendix-6	34.22	36.18	38.24	40.43	42.73	45.17
	Sub-total: B	Rs Lakh		278.33	441.50	464.23	486.74	507.56	530.94
	Grand Total (A + B)	Rs Lakh		3,583.82	3,976.18	4,357.59	4,588.58	4,493.65	4,687.05

Note

Details of calculations, considering equity as per regulation, to be furnished.



(Petitioner)

112 480



**BEFORE THE HONOURABLE CENTRAL ELECTRICITY
REGULATORY COMMISSION**

**3RD & 4TH FLOOR, CHANDERLOK BUILDING,
36, JANPATH, NEW DELHI-110 001**

PETITION NO. OF 2020

IN THE MATTER OF: Petition under Section 79(1) & 86 of CERC (Conduct of Business) Regulations, 1999, Section 62(1) (a) of the Electricity Act, 2003 and Regulation 8 of CERC (Terms and Conditions of Tariff) Regulations, 2014 for truing up of annual fixed charges for the period 2014 – 19 in respect of the Maithon Hydel Power station, Unit No. 1 to 3 (63.2 MW).

AND IN THE MATTER OF: Petition under Section 79(1) & 86 of CERC (Conduct of Business) Regulations, 1999, Section 62(1) (a) of the Electricity Act, 2003 and Regulations 9(2) and 10 of CERC (Terms and Conditions of Tariff) Regulations, 2019 for determination of tariff for the period 2019 – 24 in respect of the Maithon Hydel Power station, Unit No. 1 to 3 (63.2 MW).

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**TARIFF FILING FORMS (HYDRO) FOR TARIFF PETITION FOR 2019-24
FOR DETERMINATION OF TARIFF FOR 2019-24 IN RESPECT OF MAITHON HYDEL POWER
STATION**

PART-II

Annexure-2



Name of the Petitioner:
Name of the Generating Station:
Place (Region/District/State):

Damodar Valley Corporation
Maitani Hydel Power Station
Maitani, Dhanbad, Jharkhand

PART-II
FORM-1

Summary of Tariff

Sr. No.	Particulars	Unit	Form references	Existing 2018-19	2019-20	2020-21	2021-22	2022-23	2023-24
(1)	(2)			(3)	(4)	(5)	(6)	(7)	(8)
A	Cost components as per Regulations 30, 31, 32, 33, 34, 35 of the CERC (Terms and Conditions of Tariff) Regulations, 2019, to be recovered on the basis of availability								
A.1	Depreciation	Rs Lakh	Form 12	2.03	272.82	373.56	119.24		
A.2	Interest on Loan	Rs Lakh	Form 13A	0.23	8.09	8.55	0.69		
A.3	Return on Equity	Rs Lakh	Form-1 (I) & (II)	621.43	637.91	658.98	663.87	663.87	663.87
A.4	Interest on Working Capital	Rs Lakh	Form 13B	158.95	151.95	160.57	163.69	169.24	177.00
A.5	O & M Expenses	Rs Lakh		2,476.24	2,892.40	3,030.26	3,174.70	3,326.03	3,484.56
A.6	Security Expenses	Rs Lakh	Appendix-2	101.86	109.06	116.77	125.03	133.87	143.33
	Sub-total: A	Rs Lakh		3,360.74	4,072.24	4,348.69	4,247.22	4,293.01	4,468.77
B	Cost components as per Regulations 35(2)(a), 35(2)(c) and 61(1) of the CERC (Terms and Conditions of Tariff) Regulations 2019, Subsequent CERC/Court Orders, and the DVC Act, to be recovered in full on starting basis								
B.1	Capital Spares	Rs Lakh							
B.2	DVC's share of savings in interest cost due to loan restructuring	Rs Lakh	Appendix-7		0.37	0.39	0.03		
B.3	Impact of Pay Revision due to recommendation of 7th Pay Commission	Rs Lakh							
B.4	Impact of GST as "Change in Law"	Rs Lakh	Appendix-3a	68.05	72.87	78.02	83.54	89.44	95.77
B.5	Share of P&G	Rs Lakh	Appendix-3b	38.48	62.61	67.04	71.78	76.86	82.29
B.6	Share of Common Office Expenditure	Rs Lakh	Appendix-4	113.19	235.51	246.58	258.17	270.31	283.01
B.7	Expenses due to Mega insurance and Expenditure for Subsidiary activity	Rs Lakh	Appendix-5	11.35	12.43	13.34	13.51	11.62	10.59
	Sub-total: B	Rs Lakh	Appendix-6	27.49	29.44	31.52	33.75	36.13	38.69
	Grand Total (A + B)	Rs Lakh		3,639.31	4,132.33	4,368.89	4,607.77	4,843.36	5,103.35
					4,485.46	4,785.58	4,708.00	4,777.36	4,979.12

Note

1: Details of calculations, considering equity as per regulation, to be furnished.

(Petitioner)



ANNEXURE-25



LPPF Escalation calculation for projection of ECR of DVC generating stations

Month	Annual Escalation Rates for Domestic Coal
May-17	13.78%
Oct-17	0.00%
Jun-18	0.00%
Oct-18	21.66%
Apr-19	0.88%
Oct-19	0.00%
May-20	0.00%
Oct-20	0.00%
Apr-21	0.93%
Oct-21	0.00%
Apr-22	0.00%
Average	3.39%

CERC Notification dated 30th May 2017 revised in notification dated 1st June 2018

CERC Notification dated 10th October 2017

CERC Notification dated 22nd June 2018

CERC Notification dated 15th October 2018

CERC Notification dated 5th April 2019

CERC Notification dated 30th October 2019

CERC Notification dated 13th May 2020

CERC Notification dated 12th October 2020

CERC Notification dated 13th April 2021

CERC Notification dated 27th Oct 2021

CERC Notification dated 18th April 2022

Central Electricity Regulatory Commission
3rd & 4th Floor, Chanderlok Building, 36 Janpath, New Delhi-110 001

No. Eco-1/2017-CERC

May 30, 2017


NOTIFICATION

In pursuance of Clause 5.6 (vi) of Ministry of Power Notification on "Guidelines for Determination of Tariff by Bidding Process for Procurement of Power by Distribution Licensees", dated 19.01.2005, as amended from time to time, the Central Electricity Regulatory Commission notifies the following escalation rates for the purpose of payment.

1. Annual Escalation Rates applicable for the period from 01.04.2017 to 30.09.2017 for the purpose of payment for Procurement of Power by Distribution Licensees as per the Power Purchase Agreement entered into under the guidelines mentioned above:

S.No	Description	Annual Escalation Rates for Payment
1	Escalation rate for domestic coal*	13.78%
2	Escalation rate for domestic gas	(-)38.35%
3	Escalation rates for different escalable sub-components of energy charge for plants based on imported coal	
3.1	Escalation rate for imported coal	97.50%
3.2	Escalation rate for transportation of imported coal	74.78%
3.3	Escalation rate for inland handling of imported coal	4.71%
4	Escalation rates for inland transportation charges for coal	
4.1	Upto 125 Km distance	0.00%
4.2	Upto 500 Km distance	1.97%
4.3	Upto 1000 Km distance	0.00%
4.4	Upto 2000 Km distance	(-)14.77%
4.5	Beyond 2000 Km distance	(-)18.21%
5	Escalation rate for inland transportation charges for gas	0.00%
6	Escalation rates for different escalable sub-components of energy charge for plants based on imported gas	
6.1	Escalation rate for imported gas	31.85%
6.2	Escalation rate for transportation of imported gas	74.78%
6.3	Escalation rate for inland handling of imported gas	4.71%
7	Inflation rate to be applied to indexed capacity charge component.	4.71%
8	Inflation rate to be applied to indexed energy charge component in cases of captive fuel source	7.20%

* Provisional

Sd/-

 (Sanoj Kumar Jha)
 Secretary

Central Electricity Regulatory Commission
3rd & 4th Floor, Chanderlok Building, 36 Janpath, New Delhi-110 001

No. Eco-2/2017-CERC

October 10, 2017

NOTIFICATION

In pursuance of Clause 5.6 (vi) of Ministry of Power Notification on "Guidelines for Determination of Tariff by Bidding Process for Procurement of Power by Distribution Licensees", dated 19.01.2005, as amended from time to time, the Central Electricity Regulatory Commission notifies the following escalation rates for the purpose of payment.

1. Annual Escalation Rates applicable for the period from 01.10.2017 to 31.03.2018 for the purpose of payment for Procurement of Power by Distribution Licensees as per the Power Purchase Agreement entered into under the guidelines mentioned above:

S.No	Description	Annual Escalation Rates for Payment
1	Escalation rate for domestic coal*	0.00%
2	Escalation rate for domestic gas	(-)24.55%
3	Escalation rates for different escalable sub-components of energy charge for plants based on imported coal	
3.1	Escalation rate for imported coal	(-)4.36%
3.2	Escalation rate for transportation of imported coal	3.65%
3.3	Escalation rate for inland handling of imported coal	0.39%
4	Escalation rates for inland transportation charges for coal	
4.1	Upto 125 Km distance	0.00%
4.2	Upto 500 Km distance	0.45%
4.3	Upto 1000 Km distance	0.00%
4.4	Upto 2000 Km distance	(-)3.74%
4.5	Beyond 2000 Km distance	(-)4.71%
5	Escalation rate for inland transportation charges for gas	0.00%
6	Escalation rates for different escalable sub-components of energy charge for plants based on imported gas	
6.1	Escalation rate for imported gas	22.84%
6.2	Escalation rate for transportation of imported gas	3.65%
6.3	Escalation rate for inland handling of imported gas	0.39%
7	Inflation rate to be applied to indexed capacity charge component.	0.39%
8	Inflation rate to be applied to indexed energy charge component in cases of captive fuel source	4.37%

* Provisional

Sd/-
(Sanoj Kumar Jha)
Secretary

Central Electricity Regulatory Commission
3rd & 4th Floor, Chanderlok Building, 36 Janpath, New Delhi-110 001

No. Eco-A/2018-CERC

June 1, 2018

NOTIFICATION

In pursuance of Clause 5.6 (vi) of Ministry of Power Notification dated 19.1.2005 on "Guidelines for Determination of Tariff by Bidding Process for Procurement of Power by Distribution Licensees", as amended from time to time, the Central Electricity Regulatory Commission notifies various annual escalation rates (including the escalation rate for domestic coal) for the purpose of payment.

2. As per the methodology developed in July 2009, CERC has been using Wholesale Price Index (WPI) for Non-coking coal published by Department of Industrial Policy & Promotion (DIPP) for computing the escalation rate for domestic coal. On 12.5.2017, the Office of the Economic Advisor, DIPP, Ministry of Commerce & Industry published the new series of WPI (Base 2011-12) from April 2012. The escalation rate for domestic coal for the purpose of payment based on the new series of WPI for Non-coking coal (G7-G14) is more reflective of the prices of grades of Non-coking coal used by the power sector as compared to the old series of WPI for Non-coking coal (which represents the price of all grades of Non-coking coal i.e. G1-G17).

3. Therefore, consequent to the availability of the new series of WPI for Non-coking coal (G7-G14), the Commission has decided to adopt the new series from April 2012 for notification of the escalation rates for domestic coal as under:

- (i) The escalation rates (based on the new series) applicable from April 2013 to March 2017 shall be used only for correcting the payment index (base energy charges) and not for the purpose of payment.



- (ii) The escalation rates (based on the new series) applicable from April 2017 shall be used for payment. Accordingly, the escalation rates for domestic coal notified (as provisional) in April 2017 and October 2017 shall be considered as final.

4. The Commission hereby notifies the annual escalation rates for domestic coal for the purpose of payment and the annual escalation rates for domestic coal based on the new series of WPI for Non-coking coal (G7-G14) for correcting the payment index (base energy charges) as per the following table.

Annual Escalation Rates for Domestic Coal			
Notification	Annual Escalation Rates for Domestic Coal notified by CERC for the purpose of payment		Annual Escalation Rates for Domestic Coal (based on the New Series of WPI for Non-coking Coal G7-G14) for Correcting the Payment Index (base energy charges)
	Escalation Rates based on WPI for Non-coking Coal G1-G17	Escalation Rates based on WPI for Non-coking Coal G7-G14	
(1)	(2)	(3)	(4)
Apr 2013	4.10%	-	8.31%
Oct 2013	0.71%	-	1.82%
Apr 2014	3.55%	-	9.77%
Oct 2014	1.24%	-	8.27%
Apr 2015	0.00%	-	0.00%
Oct 2015	0.00%	-	0.00%
Apr 2016	0.00%	-	0.00%
Oct 2016	0.51%	-	2.79%
Apr 2017	-	13.78%*	-
Oct 2017	-	0.00%*	-

Note: Annual Escalation Rate for Domestic Coal notified (as provisional) in April 2017 vide Notification No. Eco-1/2017-CERC dated May 30, 2017 and in October 2017 vide Notification No. Eco-2/2017-CERC, dated October 10, 2017 () are final.*

Sd/-
(Sanoj Kumar Jha)
Secretary



Central Electricity Regulatory Commission
3rd & 4th Floor, Chanderlok Building, 36 Janpath, New Delhi-110 001

No. Eco-1/2018-CERC

June 22, 2018

NOTIFICATION

In pursuance of Clause 5.6 (vi) of Ministry of Power Notification on "Guidelines for Determination of Tariff by Bidding Process for Procurement of Power by Distribution Licensees", dated 19.01.2005, as amended from time to time, the Central Electricity Regulatory Commission notifies the following escalation rates for the purpose of payment.

Annual Escalation Rates applicable for the period from 01.04.2018 to 30.09.2018 for the purpose of payment for Procurement of Power by Distribution Licensees as per the Power Purchase Agreement entered into under the guidelines mentioned above:

S.No	Description	Annual Escalation Rates for Payment
1	Escalation rate for domestic coal	0.00%
2	Escalation rate for domestic gas	(-)9.71%
3	Escalation rates for different escalable sub-components of energy charge for plants based on imported coal	
3.1	Escalation rate for imported coal	33.82%
3.2	Escalation rate for transportation of imported coal	36.99%
3.3	Escalation rate for inland handling of imported coal	5.87%
4	Escalation rates for inland transportation charges for coal	
4.1	Upto 125 Km distance	81.86%
4.2	Upto 500 Km distance	23.64%
4.3	Upto 1000 Km distance	12.47%
4.4	Upto 2000 Km distance	7.50%
4.5	Beyond 2000 Km distance	6.03%
5	Escalation rate for inland transportation charges for gas	0.00%
6	Escalation rates for different escalable sub-components of energy charge for plants based on imported gas	
6.1	Escalation rate for imported gas	1.78%
6.2	Escalation rate for transportation of imported gas	36.99%
6.3	Escalation rate for inland handling of imported gas	5.87%
7	Inflation rate to be applied to indexed capacity charge component.	5.87%
8	Inflation rate to be applied to indexed energy charge component in cases of captive fuel source	2.94%

2. This notification supersedes the notification dated 19.4.2018 issued for the period from April to September 2018.

Sd/-
(Sanoj Kumar Jha)
Secretary

Central Electricity Regulatory Commission
3rd & 4th Floor, Chanderlok Building, 36 Janpath, New Delhi-110 001

No. Eco-2/2018-CERC

October 15, 2018

NOTIFICATION

In pursuance of Clause 5.6 (vi) of Ministry of Power Notification on "Guidelines for Determination of Tariff by Bidding Process for Procurement of Power by Distribution Licensees", dated 19.01.2005, as amended from time to time, the Central Electricity Regulatory Commission notifies the following escalation rates for the purpose of payment.

Annual Escalation Rates applicable for the period from 01.10.2018 to 31.03.2019 for the purpose of payment for Procurement of Power by Distribution Licensees as per the Power Purchase Agreement entered into under the guidelines mentioned above:

S.No	Description	Annual Escalation Rates for Payment
1	Escalation rate for domestic coal	21.66%
2	Escalation rate for domestic gas	25.66%
3	Escalation rates for different escalable sub-components of energy charge for plants based on imported coal	
3.1	Escalation rate for imported coal	2.98%
3.2	Escalation rate for transportation of imported coal	35.14%
3.3	Escalation rate for inland handling of imported coal	2.30%
4	Escalation rates for inland transportation charges for coal	
4.1	Upto 125 Km distance	44.11%
4.2	Upto 500 Km distance	40.47%
4.3	Upto 1000 Km distance	39.54%
4.4	Upto 2000 Km distance	39.09%
4.5	Beyond 2000 Km distance	38.96%
5	Escalation rate for inland transportation charges for gas	0.00%
6	Escalation rates for different escalable sub-components of energy charge for plants based on imported gas	
6.1	Escalation rate for imported gas	35.14%
6.2	Escalation rate for transportation of imported gas	35.14%
6.3	Escalation rate for inland handling of imported gas	2.30%
7	Inflation rate to be applied to indexed capacity charge component.	2.30%
8	Inflation rate to be applied to indexed energy charge component in cases of captive fuel source	5.54%

Sd/-
(Sanoj Kumar Jha)
Secretary



Central Electricity Regulatory Commission
3rd & 4th Floor, Chanderlok Building, 36 Janpath, New Delhi-110 001

No. Eco-1/2019-CERC

April 5, 2019

NOTIFICATION

In pursuance of Clause 5.6 (vi) of Ministry of Power Notification on "Guidelines for Determination of Tariff by Bidding Process for Procurement of Power by Distribution Licensees", dated 19.01.2005, as amended from time to time, the Central Electricity Regulatory Commission notifies the following escalation rates for the purpose of payment.

Annual Escalation Rates applicable for the period from 01.04.2019 to 30.09.2019 for the purpose of payment for Procurement of Power by Distribution Licensees as per the Power Purchase Agreement entered into under the guidelines mentioned above:

S.No	Description	Annual Escalation Rates for Payment
1	Escalation rate for domestic coal	0.88%
2	Escalation rate for domestic gas	33.74%
3	Escalation rates for different escalable sub-components of energy charge for plants based on imported coal	
3.1	Escalation rate for imported coal	-24.36%
3.2	Escalation rate for transportation of imported coal	5.40%
3.3	Escalation rate for inland handling of imported coal	7.88%
4	Escalation rates for inland transportation charges for coal	
4.1	Upto 125 Km distance	8.52%
4.2	Upto 500 Km distance	8.53%
4.3	Upto 1000 Km distance	8.53%
4.4	Upto 2000 Km distance	8.53%
4.5	Beyond 2000 Km distance	8.53%
5	Escalation rate for inland transportation charges for gas	0.00%
6	Escalation rates for different escalable sub-components of energy charge for plants based on imported gas	
6.1	Escalation rate for imported gas	25.94%
6.2	Escalation rate for transportation of imported gas	5.40%
6.3	Escalation rate for inland handling of imported gas	7.88%
7	Inflation rate to be applied to indexed capacity charge component.	7.88%
8	Inflation rate to be applied to indexed energy charge component in cases of captive fuel source	8.13%

Sd/-
(Sanoj Kumar Jha)
Secretary



Central Electricity Regulatory Commission
3rd & 4th Floor, Chanderlok Building, 36 Janpath, New Delhi-110 001

No. Eco-2/2019-CERC

October 30, 2019

NOTIFICATION

In pursuance of Clause 5.6 (vi) of Ministry of Power Notification on "Guidelines for Determination of Tariff by Bidding Process for Procurement of Power by Distribution Licensees", dated 19.01.2005, as amended from time to time, the Central Electricity Regulatory Commission (CERC) notifies the following escalation rates for the purpose of payment.

Annual Escalation Rates applicable for the period from 01.10.2019 to 31.03.2020 for the purpose of payment for Procurement of Power by Distribution Licensees as per the Power Purchase Agreement entered into under the guidelines mentioned above:

S.No	Description	Annual Escalation Rates for Payment
1	Escalation rate for domestic coal@	0.00%
2	Escalation rate for domestic gas	16.02%
3	Escalation rates for different escalable sub-components of energy charge for plants based on imported coal	
3.1	Escalation rate for imported coal	-30.71%
3.2	Escalation rate for transportation of imported coal*	-9.10%
3.3	Escalation rate for inland handling of imported coal	3.79%
4	Escalation rates for inland transportation charges for coal	
4.1	Upto 125 Km distance	11.32%
4.2	Upto 500 Km distance	11.34%
4.3	Upto 1000 Km distance	11.33%
4.4	Upto 2000 Km distance	11.34%
4.5	Beyond 2000 Km distance	11.34%
5	Escalation rate for inland transportation charges for gas	0.00%
6	Escalation rates for different escalable sub-components of energy charge for plants based on imported gas	
6.1	Escalation rate for imported gas	-22.63%
6.2	Escalation rate for transportation of imported gas*	-9.10%
6.3	Escalation rate for inland handling of imported gas	3.79%
7	Inflation rate to be applied to indexed capacity charge component.	3.79%

de

8	Inflation rate to be applied to indexed energy charge component in cases of captive fuel source	0.98%
<p><i>@The escalation rate for domestic coal has been computed based on Coal Price Index of CERC in place of WPI for Non-coking coal. This is as per the CERC order dated 18.10.2019 in Suo Motu Petition No.10/SM/2019.</i></p> <p><i>*The escalation rates shall be applicable for the period from 1.10.2019 to 31.12.2019. This is on account of implementation of the MARPOL regulation on Low Sulphur Fuel Oil w.e.f. 1.1.2020. The escalation rates for transportation of imported coal and gas applicable for the period from 1.1.2020 to 31.3.2020 shall be notified separately.</i></p>		

Sd/-
(Sanoj Kumar Jha)
Secretary

CH 2

Central Electricity Regulatory Commission
3rd & 4th Floor, Chanderlok Building, 36 Janpath, New Delhi-110 001

No. Eco-1/2020-CERC

May 13, 2020

NOTIFICATION

In pursuance of Clause 5.6 (vi) of Ministry of Power Notification on "Guidelines for Determination of Tariff by Bidding Process for Procurement of Power by Distribution Licensees", dated 19.01.2005, as amended from time to time, the Central Electricity Regulatory Commission (CERC) notifies the following escalation rates for the purpose of payment.

Annual Escalation Rates applicable for the period from 01.04.2020 to 30.09.2020 for the purpose of payment for Procurement of Power by Distribution Licensees as per the Power Purchase Agreement entered into under the guidelines mentioned above:

S.No	Description	Annual Escalation Rates for Payment
1	Escalation rate for domestic coal	0.00%
2	Escalation rate for domestic gas	-1.42%
3	Escalation rates for different escalable sub-components of energy charge for plants based on imported coal	
3.1	Escalation rate for imported coal	-4.94%
3.2	Escalation rate for transportation of imported coal	3.54%
3.3	Escalation rate for inland handling of imported coal	6.23%
4	Escalation rates for inland transportation charges for coal	
4.1	Upto 125 Km distance	0.00%
4.2	Upto 500 Km distance	0.00%
4.3	Upto 1000 Km distance	0.00%
4.4	Upto 2000 Km distance	0.00%
4.5	Beyond 2000 Km distance	0.00%
5	Escalation rate for inland transportation charges for gas	119.02%
6	Escalation rates for different escalable sub-components of energy charge for plants based on imported gas	
6.1	Escalation rate for imported gas	-7.52%
6.2	Escalation rate for transportation of imported gas	3.54%
6.3	Escalation rate for inland handling of imported gas	6.23%



7	Inflation rate to be applied to indexed capacity charge component.	6.23%
8	Inflation rate to be applied to indexed energy charge component in cases of captive fuel source	3.14%

Sd/-
(Sanoj Kumar Jha)
Secretary



Central Electricity Regulatory Commission
3rd & 4th Floor, Chanderlok Building, 36 Janpath, New Delhi-110 001

No. Eco-2/2020-CERC

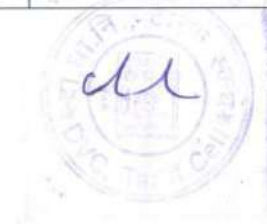
October 12, 2020

NOTIFICATION

In pursuance of Clause 5.6 (vi) of Ministry of Power Notification on "Guidelines for Determination of Tariff by Bidding Process for Procurement of Power by Distribution Licensees", dated 19.01.2005, as amended from time to time, the Central Electricity Regulatory Commission (CERC) notifies the following escalation rates for the purpose of payment.

Annual Escalation Rates applicable for the period from 01.10.2020 to 31.03.2021 for the purpose of payment for Procurement of Power by Distribution Licensees as per the Power Purchase Agreement entered into under the guidelines mentioned above:

S.No	Description	Annual Escalation Rates for Payment
1	Escalation rate for domestic coal	0.00%
2	Escalation rate for domestic gas	-30.55%
3	Escalation rates for different escalable sub-components of energy charge for plants based on imported coal	
3.1	Escalation rate for imported coal	-41.79%
3.2	Escalation rate for transportation of imported coal	-93.60%
3.3	Escalation rate for inland handling of imported coal	1.11%
4	Escalation rates for inland transportation charges for coal	
4.1	Upto 125 Km distance	0.00%
4.2	Upto 500 Km distance	0.00%
4.3	Upto 1000 Km distance	0.00%
4.4	Upto 2000 Km distance	0.00%
4.5	Beyond 2000 Km distance	0.00%
5	Escalation rate for inland transportation charges for gas	0.00%
6	Escalation rates for different escalable sub-components of energy charge for plants based on imported gas	
6.1	Escalation rate for imported gas	-23.08%
6.2	Escalation rate for transportation of imported gas	-93.60%
6.3	Escalation rate for inland handling of imported gas	1.11%



7	Inflation rate to be applied to indexed capacity charge component.	1.11%
8	Inflation rate to be applied to indexed energy charge component in cases of captive fuel source	-3.20%

Sd/-
(Sanoj Kumar Jha)
Secretary



Central Electricity Regulatory Commission
3rd & 4th Floor, Chanderlok Building, 36 Janpath, New Delhi-110 001

No. Eco-1/2021-CERC

April 23, 2021

NOTIFICATION

In pursuance of Clause 5.6 (vi) of Ministry of Power Notification on "Guidelines for Determination of Tariff by Bidding Process for Procurement of Power by Distribution Licensees", dated 19.01.2005, as amended from time to time, the Central Electricity Regulatory Commission (CERC) notifies the following escalation rates for the purpose of payment.

Annual Escalation Rates applicable for the period from 01.04.2021 to 30.09.2021 for the purpose of payment for Procurement of Power by Distribution Licensees as per the Power Purchase Agreement entered into under the guidelines mentioned above:

S.No	Description	Annual Escalation Rates for Payment
1	Escalation rate for domestic coal	0.93%
2	Escalation rate for domestic gas	-50.77%
3	Escalation rates for different escalable sub-components of energy charge for plants based on imported coal	
3.1	Escalation rate for imported coal	63.89%
3.2	Escalation rate for transportation of imported coal	56.65%
3.3	Escalation rate for inland handling of imported coal	5.83%
4	Escalation rates for inland transportation charges for coal	
4.1	Upto 125 Km distance	0.00%
4.2	Upto 500 Km distance	0.00%
4.3	Upto 1000 Km distance	0.00%
4.4	Upto 2000 Km distance	-39.63%
4.5	Beyond 2000 Km distance	-40.00%
5	Escalation rate for inland transportation charges for gas	0.00%
6	Escalation rates for different escalable sub-components of energy charge for plants based on imported gas	
6.1	Escalation rate for imported gas	-29.13%
6.2	Escalation rate for transportation of imported gas	56.65%
6.3	Escalation rate for inland handling of imported gas	5.83%



7	Inflation rate to be applied to indexed capacity charge component.	5.83%
8	Inflation rate to be applied to indexed energy charge component in cases of captive fuel source	0.96%

Sd/-
(Sanoj Kumar Jha)
Secretary



Central Electricity Regulatory Commission
3rd & 4th Floor, Chanderlok Building, 36 Janpath, New Delhi-110 001
 (Tele No.23353503 Fax No.23753923)

No. Eco-2/2021-CERC

October 27, 2021

NOTIFICATION

In pursuance of Clause 5.6 (vi) of Ministry of Power Notification on "Guidelines for Determination of Tariff by Bidding Process for Procurement of Power by Distribution Licensees", dated 19.01.2005, as amended from time to time, the Central Electricity Regulatory Commission (CERC) notifies the following escalation rates for the purpose of payment.

Annual Escalation Rates applicable for the period from 01.10.2021 to 31.03.2022 for the purpose of payment for Procurement of Power by Distribution Licensees as per the Power Purchase Agreement entered into under the guidelines mentioned above:

S.No	Description	Annual Escalation Rates for Payment
1	Escalation rate for domestic coal	0.00%
2	Escalation rate for domestic gas	-30.54%
3	Escalation rates for different escalable sub-components of energy charge for plants based on imported coal	
3.1	Escalation rate for imported coal	115.33%
3.2	Escalation rate for transportation of imported coal	63.12%
3.3	Escalation rate for inland handling of imported coal	7.62%
4	Escalation rates for inland transportation charges for coal	
4.1	Upto 100 Km distance	0.00%
4.2	Upto 125 Km distance	0.00%
4.3	Upto 500 Km distance	0.00%
4.4	Upto 1000 Km distance	0.00%
4.5	Upto 1400 Km distance	0.00%
4.6	Upto 2000 Km distance	0.00%
4.7	Beyond 2000 Km distance	0.00%
5	Escalation rate for inland transportation charges for gas	0.00%
6	Escalation rates for different escalable sub-components of energy charge for plants based on imported gas	



6.1	Escalation rate for imported gas	58.22%
6.2	Escalation rate for transportation of imported gas	63.12%
6.3	Escalation rate for inland handling of imported gas	7.62%
7	Inflation rate to be applied to indexed capacity charge component.	7.62%
8	Inflation rate to be applied to indexed energy charge component in cases of captive fuel source	16.34%

Sd/-
(Sanoj Kumar Jha)
Secretary



Central Electricity Regulatory Commission
3rd & 4th Floor, Chanderlok Building, 36 Janpath,
New Delhi-110 001
 (Tele No.23353503 Fax No.23753923)

No. Eco-1/2022-CERC

April 18, 2022

NOTIFICATION

In pursuance of Clause 5.6 (vi) of Ministry of Power's Notification on "Guidelines for Determination of Tariff by Bidding Process for Procurement of Power by Distribution Licensees", dated 19.01.2005, as amended from time to time, and in pursuance of paragraph 5.4 and paragraph 5.5 of the Ministry of Power's Resolution on "Guidelines for Tariff Based Competitive Bidding Process for Procurement of Round- The-Clock Power from Grid Connected Renewable Energy Power Projects, complemented with Power from Coal Based Thermal Power Projects" dated 22.07.2020 read with amendment dated 03.11.2020, the Central Electricity Regulatory Commission notifies the following escalation rates for the purpose of payment.

Annual Escalation Rates applicable for the period from 01.04.2022 to 30.09.2022 for the purpose of payment for Procurement of Power by Distribution Licensees as per the Power Purchase Agreement entered into under the guidelines mentioned above:

Sr. No.	Description	Annual Escalation Rates for Payment
1	Escalation rate for domestic coal	0.00%
2	Escalation rate for domestic gas	66.63%
3	Escalation rates for different escalable sub-components of energy charge for plants based on imported coal	
3.1	Escalation rate for imported coal	107.52%
3.2	Escalation rate for transportation of imported coal	44.21%
3.3	Escalation rate for inland handling of imported coal	11.16%
4	Escalation rates for inland transportation charges for coal	
4.1	Up to 100 Km distance	0.00%
4.2	Up to 125 Km distance	0.00%
4.3	Up to 500 Km distance	0.00%
4.4	Up to 1000 Km distance	0.00%
4.5	Up to 1400 Km distance	0.00%
4.6	Up to 2000 Km distance	0.00%
4.7	Beyond 2000 Km distance	0.00%



5	Escalation rate for inland transportation charges for gas	0.00%
6	Escalation rates for different escalable sub-components of energy charge for plants based on imported gas	
6.1	Escalation rate for imported gas	345.92%
6.2	Escalation rate for transportation of imported gas	44.21%
6.3	Escalation rate for inland handling of imported gas	11.16%
7	Inflation rate to be applied to indexed capacity charge component	11.16%
8	Inflation rate to be applied to indexed energy charge component in cases of captive fuel source	19.00%

Sd/-
(Harpreet Singh Pruthi)
Secretary



ANNEXURE-26



CENTRAL ELECTRICITY REGULATORY COMMISSION

NEW DELHI

No.L-1/236/2018/CERC

Dated 7th March, 2019

NOTIFICATION

In exercise of powers conferred under section 178 of the Electricity Act, 2003 (36 of 2003) read with Section 61 thereof and all other powers enabling it in this behalf, and after previous publication, the Central Electricity Regulatory Commission hereby makes the following regulations, namely:

CHAPTER - 1

PRELIMINARY

1. **Short title and commencement.** (1) These regulations may be called the Central Electricity Regulatory Commission (Terms and Conditions of Tariff) Regulations, 2019.
- (2) These regulations shall come into force on 1.4.2019, and unless reviewed earlier or extended by the Commission, shall remain in force for a period of five years from 1.4.2019 to 31.3.2024:



CHAPTER - 11

COMPUTATION OF CAPACITY CHARGES AND ENERGY CHARGES**42. Computation and Payment of Capacity Charge for Thermal Generating Stations:**

(1) The fixed cost of a thermal generating station shall be computed on annual basis based on the norms specified under these regulations and recovered on monthly basis under capacity charge. The total capacity charge payable for a generating station shall be shared by its beneficiaries as per their respective percentage share or allocation in the capacity of the generating station. The capacity charge shall be recovered under two segments of the year, i.e. High Demand Season (period of three months) and Low Demand Season (period of remaining nine months), and within each season in two parts viz., Capacity Charge for Peak Hours of the month and Capacity Charge for Off-Peak Hours of the month as follows:

Capacity Charge for the Year (CC_y) =

Sum of Capacity Charge for three months of High Demand Season +
Sum of Capacity Charge for nine months of Low Demand Season

(2) The Capacity Charge payable to a thermal generating station for a calendar month shall be calculated in accordance with the following formulae:

Capacity Charge for the Month (CC_m) =

Capacity Charge for Peak Hours of the Month (CC_p) +
Capacity Charge for Off-Peak Hours of the Month (CC_{op})



Where,

High Demand Season:

$$CC_{p1} = (0.20 \times AFC) \times \left(\frac{1}{12}\right) \times \left(\frac{PAFMp}{NAPAF}\right) \text{ subject to ceiling of } (0.20 \times AFC) \times \left(\frac{1}{12}\right)$$

$$CC_{p2} = \{(0.20 \times AFC) \times \left(\frac{1}{6}\right) \times \left(\frac{PAFMp2}{NAPAF}\right) \text{ subject to ceiling of } (0.20 \times AFC) \times \left(\frac{1}{6}\right)\} - CC_{p1}$$

$$CC_{p3} = \{(0.20 \times AFC) \times \left(\frac{1}{4}\right) \times \left(\frac{PAFMp}{NAPAF}\right) \text{ subject to ceiling of } (0.20 \times AFC) \times \left(\frac{1}{4}\right)\} - (CC_{p1} + CC_{p2})$$

$$CC_{op1} = \{(0.80 \times AFC) \times \left(\frac{1}{12}\right) \times \left(\frac{PAFMop1}{NAPAF}\right) \text{ subject to ceiling of } (0.80 \times AFC) \times \left(\frac{1}{12}\right)\}$$

$$CC_{op2} = \{(0.80 \times AFC) \times \left(\frac{1}{6}\right) \times \left(\frac{PAFMop2}{NAPAF}\right) \text{ subject to ceiling of } (0.80 \times AFC) \times \left(\frac{1}{6}\right)\} - CC_{op1}$$

$$CC_{op3} = \{(0.80 \times AFC) \times \left(\frac{1}{4}\right) \times \left(\frac{PAFMop3}{NAPAF}\right) \text{ subject to ceiling of } (0.80 \times AFC) \times \left(\frac{1}{4}\right)\} - (CC_{op1} + CC_{op2})$$

Low Demand Season:

$$CC_{p1} = \{(0.20 \times AFC) \times \left(\frac{1}{12}\right) \times \left(\frac{PAFMp1}{NAPAF}\right) \text{ subject to ceiling of } (0.20 \times AFC) \times \left(\frac{1}{12}\right)\}$$

$$CC_{p2} = \{(0.20 \times AFC) \times \left(\frac{1}{6}\right) \times \left(\frac{PAFMp2}{NAPAF}\right) \text{ subject to ceiling of } (0.20 \times AFC) \times \left(\frac{1}{6}\right)\} - CC_{p1}$$

$$CC_{p3} = \{(0.20 \times AFC) \times \left(\frac{1}{4}\right) \times \left(\frac{PAFMp3}{NAPAF}\right) \text{ subject to ceiling of } (0.20 \times AFC) \times \left(\frac{1}{4}\right)\} - (CC_{p1} + CC_{p2})$$

$$CC_{p4} = \{(0.20 \times AFC) \times \left(\frac{1}{3}\right) \times \left(\frac{PAFMp4}{NAPAF}\right) \text{ subject to ceiling of } (0.20 \times AFC) \times \left(\frac{1}{3}\right)\} - (CC_{p1} + CC_{p2} + CC_{p3})$$



$$CC_{p5} = \{(0.20 \times AFC) \times \left(\frac{5}{12}\right) \times \left(\frac{PAFMp5}{NAPAF}\right)\} \text{ subject to ceiling of } (0.20 \times AFC) \times \left(\frac{5}{12}\right) \} - (CCp1 + CCp2 + CCp3 + CCp4)$$

$$CC_{p6} = \{(0.20 \times AFC) \times \left(\frac{1}{2}\right) \times \left(\frac{PAFMp}{NAPAF}\right)\} \text{ subject to ceiling of } (0.20 \times AFC) \times \left(\frac{1}{2}\right) \} - (CCp1 + CCp2 + CCp3 + CCp4 + CCp5)$$

$$CC_{p7} = \{(0.20 \times AFC) \times \left(\frac{7}{12}\right) \times \left(\frac{PAFMp7}{NAPAF}\right)\} \text{ subject to ceiling of } (0.20 \times AFC) \times \left(\frac{7}{12}\right) \} - (CCp1 + CCp2 + CCp3 + CCp4 + CCp5 + CCp6)$$

$$CC_{p8} = \{(0.20 \times AFC) \times \left(\frac{2}{3}\right) \times \left(\frac{PAFMp8}{NAPAF}\right)\} \text{ subject to ceiling of } (0.20 \times AFC) \times \left(\frac{2}{3}\right) \} - (CCp1 + CCp2 + CCp3 + CCp4 + CCp5 + CCp6 + CCp7)$$

$$CC_{p9} = \{(0.20 \times AFC) \times \left(\frac{3}{4}\right) \times \left(\frac{PAFMp}{NAPAF}\right)\} \text{ subject to ceiling of } (0.20 \times AFC) \times \left(\frac{3}{4}\right) \} - (CCp1 + CCp2 + CCp3 + CCp4 + CCp5 + CCp6 + CCp7 + CCp8)$$

$$CC_{op1} = \{(0.80 \times AFC) \times \left(\frac{1}{12}\right) \times \left(\frac{PAFMop1}{NAPAF}\right)\} \text{ subject to ceiling of } (0.80 \times AFC) \times \left(\frac{1}{12}\right) \}$$

$$CC_{op2} = \{(0.80 \times AFC) \times \left(\frac{1}{6}\right) \times \left(\frac{PAFMop2}{NAPAF}\right)\} \text{ subject to ceiling of } (0.80 \times AFC) \times \left(\frac{1}{6}\right) \} - CCop1$$

$$CC_{op3} = \{(0.80 \times AFC) \times \left(\frac{1}{4}\right) \times \left(\frac{PAFMop3}{NAPAF}\right)\} \text{ subject to ceiling of } (0.80 \times AFC) \times \left(\frac{1}{4}\right) \} - (CCop1 + CCop2)$$

$$CC_{op4} = \{(0.80 \times AFC) \times \left(\frac{1}{3}\right) \times \left(\frac{PAFMop4}{NAPAF}\right)\} \text{ subject to ceiling of } (0.80 \times AFC) \times \left(\frac{1}{3}\right) \} - (CCop1 + CCop2 + CCop3)$$

$$CC_{op5} = \{(0.80 \times AFC) \times \left(\frac{5}{12}\right) \times \left(\frac{PAFMop5}{NAPAF}\right)\} \text{ subject to ceiling of } (0.80 \times AFC) \times \left(\frac{5}{12}\right) \} - (CCop1 + CCop2 + CCop3 + CCop4)$$



$$CC_{op6} = \left\{ (0.80 \times AFC) \times \left(\frac{1}{2} \right) \times \left(\frac{PAFMop6}{NAPAF} \right) \text{ subject to ceiling of } (0.80 \times AFC) \times \left(\frac{1}{2} \right) \right\} - (CCop1 + CCop2 + CCop3 + CCop4 + CCop5)$$

$$CC_{op7} = \left\{ (0.80 \times AFC) \times \left(\frac{7}{12} \right) \times \left(\frac{PAFMop7}{NAPAF} \right) \text{ subject to ceiling of } (0.80 \times AFC) \times \left(\frac{7}{12} \right) \right\} - (CCop1 + CCop2 + CCop3 + CCop4 + CCop5 + CCop6)$$

$$CC_{op8} = \left\{ (0.80 \times AFC) \times \left(\frac{2}{3} \right) \times \left(\frac{PAFMop8}{NAPAF} \right) \text{ subject to ceiling of } (0.80 \times AFC) \times \left(\frac{2}{3} \right) \right\} - (CCop1 + CCop2 + CCop3 + CCop4 + CCop5 + CCop6 + CCop7)$$

$$CC_{op9} = \left\{ (0.80 \times AFC) \times \left(\frac{3}{4} \right) \times \left(\frac{PAFMop9}{NAPAF} \right) \text{ subject to ceiling of } (0.80 \times AFC) \times \left(\frac{3}{4} \right) \right\} - (CCop1 + CCop2 + CCop3 + CCop4 + CCop5 + CCop6 + CCop7 + CCop8)$$

Provided that in case of generating station or unit thereof under shutdown due to Renovation and Modernisation, the generating company shall be allowed to recover O&M expenses and interest on loan only.

Where,

CC_m = Capacity Charge for the Month;

CC_p = Capacity Charge for the Peak Hours of the Month;

CC_{op} = Capacity Charge for the Off-Peak Hours of the Month;

CC_{pn} = Capacity Charge for the Peak Hours of n^{th} Month in a specific Season;

CC_{opn} = Capacity Charge for the Off-Peak of n^{th} Month in a specific Season;

AFC = Annual Fixed Cost;



$PAFM_{pn}$ = Plant Availability Factor achieved during Peak Hours upto the end of n^{th} Month in a Season;

$PAFM_{opn}$ = Plant Availability Factor achieved during Off-Peak Hours upto the end of n^{th} Month in a Season;

NAPAF = Normative Annual Plant Availability Factor.

(3) Normative Plant Availability Factor for "Peak" and "Off-Peak" Hours in a month shall be equivalent to the NAPAF specified in Clause (A) of Regulation 49 of these regulations. The number of hours of "Peak" and "Off-Peak" periods during a day shall be four and twenty respectively. The hours of Peak and Off-Peak periods during a day shall be declared by the concerned RLDC at least a week in advance. The High Demand Season (period of three months, consecutive or otherwise) and Low Demand Season (period of remaining nine months, consecutive or otherwise) in a region shall be declared by the concerned RLDC, at least six months in advance:

Provided that RLDC, after duly considering the comments of the concerned stakeholders, shall declare Peak Hours and High Demand Season in such a way as to coincide with the majority of the Peak Hours and High Demand Season of the region to the maximum extent possible:

Provided further that in respect of a generating station having beneficiaries across different regions, the High Demand Season and the Peak Hours shall correspond to the High Demand Season and Peak Hours of the region in which majority of its beneficiaries, in terms of percentage of allocation of share, are located.

(4) Any under-recovery or over-recovery of Capacity Charge as a result of under-achievement or over-achievement, vis-à-vis the NAPAF in Peak and Off-Peak Hours of



a Season (High Demand Season or Low Demand Season, as the case may be) shall not be adjusted with under-achievement or over-achievement, vis-à-vis the NAPAF in Peak and Off-Peak Hours of the other Season:

Provided that within a Season, the shortfall in recovery of Capacity Charge for cumulative Off-Peak Hours derived based on NAPAF, shall be allowed to be off-set by over-achievement of PAF, if any, and consequent notional over-recovery of Capacity Charge for cumulative Peak Hours in that Season:

Provided further that within a Season, the shortfall in recovery of Capacity Charge for cumulative Peak Hours derived based on NAPAF, shall not be allowed to be off-set by over-achievement of PAF, if any, and consequent notional over-recovery of Capacity Charge for cumulative Off-Peak Hours in that Season.

(5) The Plant Availability Factor achieved for a Month (PAFM) shall be computed in accordance with the following formula:

$$PAFM = 1000 \times \sum_{i=1}^N \frac{DCi}{[N \times IC \times (100 - Aux)]} \%$$

Where,

AUX = Normative auxiliary energy consumption in percentage.

DCi = Average declared capacity (in ex-bus MW), for the i^{th} day of the period i.e. the month or the year as the case may be, as certified by the concerned load dispatch centre after the day is over.

IC = Installed Capacity (in MW) of the generating station



N = Number of days during the period

Note: DCi and IC shall exclude the capacity of generating units not declared under commercial operation. In case of a change in IC during the concerned period, its average value shall be taken.

(6) In addition to the capacity charge, an incentive shall be payable to a generating station or unit thereof @ 65 paise/ kWh for ex-bus scheduled energy during Peak Hours and @ 50 paise/ kWh for ex-bus scheduled energy during Off-Peak Hours corresponding to scheduled generation in excess of ex-bus energy corresponding to Normative Annual Plant Load Factor (NAPLF) achieved on a cumulative basis within each Season (High Demand Season or Low Demand Season, as the case may be), as specified in Clause (B) of Regulation 49 of these regulations.

(7) The provisions under Clauses (1) to (6) of this Regulation shall come into force with effect from 1.4.2020. Till that date, the capacity charge for a thermal generating station determined under these regulations shall be recovered in accordance with the provisions contained in Clauses (1) to (4) of Regulation 30 of the Central Electricity Regulatory Commission (Terms and Conditions of Tariff) Regulations, 2014, subject to the condition that the NAPAF and NAPLF shall be taken as specified under these regulations.

43. Computation and Payment of Energy Charge for Thermal Generating Stations

(1) The energy charge shall cover the primary and secondary fuel cost and limestone consumption cost (where applicable), and shall be payable by every beneficiary for the



Section 6-A of the Inter-State Water Disputes Act, 1956, respectively.

74. Special Provisions Relating to Certain Inter-State Generation Projects: The tariff of generating station and the transmission system of Indira Sagar generation project and such other inter-state generation projects shall be determined on case to case basis.

75. Transmission Majoration Factor: Transmission Majoration Factor admissible for the transmission projects executed through JV route in terms of Regulation 4.10A of the Central Electricity Regulatory Commission (Terms and Conditions of Tariff) Regulations, 2001 shall be available for a period of 25 years from the date of issue of the transmission licence.

76. Power to Relax: The Commission, for reasons to be recorded in writing, may relax any of the provisions of these regulations on its own motion or on an application made before it by an interested person.

77. Power to Remove Difficulty: If any difficulty arises in giving effect to the provisions of these regulations, the Commission may, by order, make such provision not inconsistent with the provisions of the Act or provisions of other regulations specified by the Commission, as may appear to be necessary for removing the difficulty in giving effect to the objectives of these regulations.



Sd/-
(Sanoj Kumar Jha)
Secretary

ANNEXURE-27



DETAILS OF RENEWABLE PURCHASE OBLIGATION	FY 2022-23			FY 2023-24		
	Estimated			Projected		
	Jharkhand	West Bengal	Total	Jharkhand	West Bengal	Total
Firm sale to DVC Consumers (MU)	8714.72	10246.05	18960.77	9253.02	10691.77	19954.78
Firm sale to licensees included above in firm mode (MU)	0.00	628.81	628.81	0.00	656.17	656.17
Hydro Power Consumption from Own station (based on sales ratio in JH & WB)	192.84	226.72	419.55	211.98	244.56	456.54
Hydro Power Consumption from external sources (based on sales ratio in JH & WB)	295.28	347.17	642.45	297.48	343.19	640.67
Firm sale considered for RPO (MU)	8226.60	9043.35	17269.95	8753.56	9447.85	18201.41
Total firm sale of DVC (MU)	18960.77	54.04%	18960.77	19954.78	53.58%	19954.78
Sales ratio for Jharkhand & West Bengal part of DVC	45.96%	506.20	506.20	46.42%	525.09	525.09
Quantum of T&D loss of entire DVC (MU)	232.66	273.54	506.20	243.74	281.34	525.09
T&D loss apportioned to Jharkhand & West Bengal part (MU)	8459.27	9316.88	17776.15	8897.31	9729.19	18626.49
Total energy requirement for firm sale (MU)	11.50%	6.00%	---	12.50%	6.00%	---
Applicable percentage for solar RPO as per the applicable Regulation	11.50%	11.00%	---	12.50%	11.00%	---
Quantum of Solar RPO for the year (MU)	972.82	559.01	1531.83	1124.66	583.75	1708.41
Quantum of Non Solar RPO for the year (MU)	972.82	1024.86	1997.67	1124.66	1070.21	2194.87
Total Shortfall in Solar RPO from previous years (FY16-17 to FY19-20) (MU)	1094.94	0.00	1094.94	1094.94	0.00	1094.94
Shortfall in Solar RPO from previous years (FY16-17 to FY19-20) to be fulfilled in MYT period @95% (MU)	208.04	0.00	208.04	208.04	0.00	208.04
Shortfall in Solar RPO up to FY 2021-22 (MU)	1389.33	415.54	1804.86	1389.33	415.54	1804.86
Shortfall in Solar RPO up to FY 2021-22 (MU) to be fulfilled in FY 22-23 & 23-24	694.86	207.77	902.63	654.66	207.77	902.43
Total Solar RPO to be fulfilled in the year	1875.52	766.78	2642.30	2077.36	791.52	2818.88
Total Shortfall in Non-Solar RPO from previous years (FY16-17 to FY 20-21) (MU)	1003.03	0.00	1003.03	1003.03	0.00	1003.03
Shortfall in Non-Solar RPO from previous years (FY16-17 to FY 20-21) to be fulfilled in MYT period @95% (MU)	190.58	0.00	190.58	190.58	0.00	190.58
Shortfall in Non-Solar RPO upto FY 2021-22 (MU)	1355.09	1597.70	2952.80	1355.09	1597.70	2952.80
Shortfall in Non-Solar RPO upto FY 2021-22 (MU) to be fulfilled in FY 22-23 & 23-24	677.55	798.85	1476.40	677.55	798.85	1476.40
Total Non-Solar RPO to be fulfilled in the year	1840.94	1823.71	3664.65	1992.79	1869.06	3861.85
Solar Energy Generation from MTPS, KTPS Solar PV	0.03	0.03	0.07	0.04	0.04	0.08
Solar Energy purchased through DVC's Solar Generation (MU)	0.88	2.57	3.45	0.88	2.57	3.45
Solar energy purchased through conventional route (MU)	53.95	53.95	53.95	54.75	54.75	54.75
Solar energy purchased through GDAM (MU)	178.64	178.64	178.64	214.36	214.36	214.36
Solar RPO to be met for Jharkhand & West Bengal through purchase of Solar Energy (MU)	166.00	70.10	236.10	194.47	78.18	272.65
Shortfall for Solar RPO to be met through REC purchase (MU)	1709.52	696.68	2406.20	1832.90	713.34	2546.24
Non-Solar energy purchased through GTAM (MU)	178.64	178.64	178.64	214.36	214.36	214.36
Non-Solar RPO met for Jharkhand & West Bengal part through purchase of Non-Solar Energy (MU)	89.74	88.90	178.64	110.62	103.75	214.36
Non solar RPO met through applicable hydro generation (MU)	13.69	0.00	13.69	14.37	0.00	14.37
Shortfall for Non Solar RPO to be met through REC purchase (MU)	1737.51	1734.81	3472.32	1867.81	1765.31	3633.12

RPO COST PROJECTION		FY 2022-23	FY 2023-24
A. CALCULATION FOR ENTIRE DVC:			
Total Solar RPO of entire DVC (MU)	A	2642.30	2818.88
Solar RPO met through purchase of solar power (MU)	B	236.10	272.65
Balance Solar RPO met through purchase of solar REC (MU)	C = A - B	2406.20	2546.24
Average Rate of Solar Energy (Rs./ Kwh)	D	6.75	6.90
Rate of Solar REC (Rs./ Kwh)	E	1.132	1.132
Cost of solar energy (Rs. Lakhs)	F = B x D	15947.69	18812.63
Cost of solar REC (Rs. Lakhs)	G = C x E	27233.41	28818.33
Total Cost of solar RPO (Rs. Lakhs)	H = F + G	43181.10	47630.97
Total Non-solar RPO of entire DVC (MU)	I	3650.96	3847.48
Non-solar RPO met through purchase of Non-solar power from GDAM (MU)	J	178.64	214.36
Balance Non-solar RPO met through purchase of Non-solar REC (MU)	K = I - J	3472.32	3633.12
Average Rate of Non-solar energy from GDAM (Rs./ Kwh)	L	5.72	6.00
Rate of Non-solar REC (Rs./ Kwh)	M	1.132	1.132
Cost of Non-solar energy from GTAM (Rs. Lakhs)	N = J x L	10211.05	12865.92
Cost of Non-solar REC (Rs. Lakhs)	O = K x M	39299.76	41119.66
Total cost of non solar RPO (Rs Lakhs)	P = N + O	49510.81	53985.58
Cost of total Solar & Non-solar RPO (Rs Lakhs)	Q = H + P	92691.91	101616.54
B. CALCULATION FOR JHARKHAND PART:			
Total Solar RPO in Jharkhand part of DVC (MU)	R	1875.52	2027.36
Solar RPO met through purchase of solar power (MU)	S	166.00	194.47
Balance Solar RPO met through purchase of solar REC (MU)	T = R - S	1709.52	1832.90
Cost of solar energy (Rs. Lakhs)	U = D x S	11212.62	13418.29
Cost of solar REC (Rs. Lakhs)	V = E x T	19348.36	20744.74
Total Cost of solar RPO for Jharkhand (Rs. Lakhs)	W = U + V	30560.98	34163.02
Total Non-solar RPO in Jharkhand part of DVC (MU)	X	1827.25	1978.42
Non-solar RPO met through purchase of Non-solar power from GDAM (MU)	Y	89.74	110.62
Balance Non-solar RPO met through purchase of Non-solar REC (MU)	Z = X - Y	1737.51	1867.81
Cost of Non-solar energy from GDAM (Rs. Lakhs)	AA = L x Y	5129.53	6639.05
Cost of Non-solar REC (Rs. Lakhs)	BB = M x Z	19665.16	21139.82
Total cost of non solar RPO for Jharkhand (Rs. Lakhs)	CC = AA + BB	24794.69	27778.88
Cost of total Solar & Non-solar RPO for Jharkhand (Rs. Lakhs)	DD = W + CC	55355.67	61941.90
C. CALCULATION FOR WEST BENGAL PART:			
Total Solar RPO in West Bengal part of DVC (MU)	EE	766.78	791.52
Solar RPO met through purchase of solar power (MU)	FF	70.10	78.18
Balance Solar RPO met through purchase of solar REC (MU)	GG = EE - FF	696.68	713.34
Cost of solar energy (Rs. Lakhs)	HH = D x FF	4735.07	5394.35
Cost of solar REC (Rs. Lakhs)	II = E x GG	7885.05	8073.59
Total Cost of solar RPO for West Bengal (Rs. Lakhs)	JJ = HH + II	12620.12	13467.94
Total Non-solar RPO in West Bengal part of DVC (MU)	KK	1823.71	1869.06
Non-solar RPO met through purchase of Non-solar power from GDAM (MU)	LL	88.90	103.75
Balance Non-solar RPO met through purchase of Non-solar REC (MU)	MM = KK - LL	1734.81	1765.31
Cost of Non-solar energy from GDAM (Rs. Lakhs)	NN = L x LL	5081.52	6226.86
Cost of Non-solar REC (Rs. Lakhs)	OO = M x MM	19634.60	19979.83
Total cost of non solar RPO for West Bengal (Rs. Lakhs)	PP = NN + OO	24716.12	26206.70
Cost of total Solar & Non-solar RPO for West Bengal (Rs. Lakhs)	QQ = JJ + PP	37336.23	39674.64



ANNEXURE-28



**PROJECTED ARR OF DVC FOR THE PERIOD FY 2022-23 & 2023-24
(FOR DISTRIBUTION ACTIVITY IN THE STATE OF JHARKHAND)**

Table 1: Projected Own Generation (Ex - Bus) for FY 2022-23 & FY 2023-24 (in MU)

Station	INSTALLED CAPACITY (MW)	FY 2022-23	FY 2023-24
		NET EX-BUS GEN (MU)	NET EX-BUS GEN (MU)
		Estimated	Projected
DTPS U# 4	210	110.89	-
MTPS U#1 to 3	630	2915.86	2987.16
MTPS U# 4	210	1309.95	1247.87
HYDEL	147	431.60	469.11
MTPS Solar PV	25 kWp	0.0329	0.0394
KTPS Solar PV	25 kWp	0.0329	0.0394
Sub Total	1197	4768.38	4704.22
MTPS U# 5 & 6	500	3091.14	3050.40
MTPS U# 7 & 8	1000	6155.71	6374.79
CTPS U# 7 & 8	500	3164.44	3050.42
DSTPS U # 1 & 2	1000	6178.76	6374.84
KTPS U# 1 & 2	1000	6376.93	6374.95
BTPS 'A'	500	3309.90	3228.72
RTPS U # 1 & 2	1200	5482.94	5960.85
Sub Total	5700	33759.82	34414.97
GRAND TOTAL	6897	38528.19	39119.20

Table 2 : Projected Bilateral Sale to Licensees and Short Term Sale outside DVC Command Area for FY 2022-23 & FY 2023-24 (in MU)

Station	INSTALLED CAPACITY (in MW)	FY 2022-23	FY 2023-24
		Estimated	Projected
MTPS U# 5 & 6	500	1213.39	1287.88
MTPS U# 7 & 8	1000	4169.23	4103.44
CTPS U# 7 & 8	500	1950.75	1937.51
DSTPS U # 1 & 2	1000	2822.98	3070.33
KTPS U# 1 & 2	1000	6093.83	5761.92
BTPS 'A'	500	1822.39	1555.06
RTPS U # 1 & 2	1200	3359.45	3389.53
Sub Total	5700	21432.01	21105.66

Table 3 : Projected Energy Utilisation for distribution activity from Own Generating stations for FY 2022-23 & FY 2023-24 (in MU)

Station	INSTALLED CAPACITY (in MW)	FY 2022-23	FY 2023-24
		Estimated	Projected
DTPS U# 4	210	110.89	-
MTPS U# 1,2,3	630	2915.86	2987.16
MTPS U# 4	210	1309.95	1247.87
HYDEL	147	431.60	469.11
MTPS Solar PV	25 kWp	0.0329	0.0394
KTPS Solar PV	25 kWp	0.0329	0.0394
Sub Total	1197.20	4768.38	4704.22
MTPS U#5 & 6	500	1877.76	1762.52
MTPS U#7&8	1000	1986.48	2271.35
CTPS U# 7&8	500	1213.69	1112.91
DSTPS U # 1 & 2	1000	3355.78	3304.51
KTPS U# 1 & 2	1000	283.10	613.03
BTPS 'A'	500	1487.51	1673.66
RTPS U # 1 & 2	1200	2123.49	2571.32
Sub Total	5700	12327.81	13309.31
GRAND TOTAL	6897.2	17096.19	18013.53



Table 4 : Projected Power Purchase details from Non Renewable Sources for FY 2022-23 & FY 2023-24 (in MU)

SOURCE	Allocation to DVC (MW)	FY 2022-23	FY 2023-24
		Estimated	Projected
NHPC			
Rangit	6.00	31.29	30.98
Teesta	44.00	232.09	232.53
NTPC			
TSTPS Stage I	2.00	13.56	13.72
PTC			
Chukha	28.00	187.72	187.90
Kurichu	30.00	38.40	39.37
Tala	55.94	152.95	149.89
MPL	150.00	1054.00	1066.32
Contingency Power		358.36	376.27
Total (Gross)	315.94	2068.36	2096.98
GRID LOSS		70.65	71.63
Net Power Purchase (MU)		1997.72	2025.35

Table 5: Projected Power Purchase from Renewable Sources for FY 2022-23 & FY 2023-24

ITEM	Allocation to DVC (MW)	(IN MU)	
		FY 2022-23 Estimated	FY 2023-24 Projected
SOLAR:			
Talcher	10.00	13.46	13.60
Unchahar	10.00	13.46	13.60
Rajasthan	20.00	27.02	27.56
Sub-Total	40.00	53.95	54.75
STU loss for Rajasthan Solar Power		0.87	0.89
Net Power (Solar)		53.08	53.87
GDAM Purchase (Solar)		178.64	214.36
Solar Energy purchase from Rooftop Solar PV System (MU)		3.45	3.45
TOTAL SOLAR ENERGY AT DVC BUS		235.16	271.68
Solar RPO of DVC (MU) for the year		1,531.83	1,708.41
Shortfall in Solar RPO from previous years (FY16-17 to FY19-20) carried forward to MYT period		208.04	208.04
Shortfall in Solar RPO from previous year (FY21-22) carried forward to MYT period		902.43	902.43
Total Solar RPO to be met in the year		2,642.30	2,818.88
Solar RPO to be met by purchasing Solar REC (MU)		2,407.14	2,547.21
NON SOLAR:			
GDAM Purchase		178.64	214.36
Non solar RPO met through applicable hydro generation		13.69	14.37
Non-Solar RPO of DVC for the year		1,997.67	2,194.87
Shortfall in Non-Solar RPO from previous years (FY16-17 to FY19-20) carried forward to MYT period		190.58	190.58
Shortfall in Solar RPO from previous year (FY21-22) carried forward to MYT period		1,476.40	1,476.40
Total Non-Solar RPO to be met in the year		3,664.65	3,861.85
Non solar RPO to be met by purchasing Non Solar REC (MU)		3,472.32	3,633.12

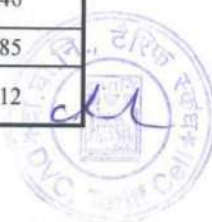


Table - 6 : Projected Firm Sale in Jharkhand and West Bengal for FY 2022-23 & FY 2023-24 (in MU)

Consumer Category	FY 2022-23 (Estimated)			FY 2023-24 (Projected)		
	Jharkhand	West Bengal	Ratio (JH: Total)	Jharkhand	West Bengal	Ratio (JH: Total)
LT	41.05	0.48	0.99	43.63	0.50	0.99
Industries- 11 KV	3.05	-	1.00	4.50	-	1.00
Industries - 33 KV	4866.79	5742.51	0.46	5174.81	5992.32	0.46
Industries - 132 KV	630.16	2491.53	0.20	670.04	2599.91	0.20
Traction - 132 KV	283.87	1.67	0.99	301.84	1.75	0.99
Industries - 220 KV	1849.50	1381.04	0.57	1966.55	1441.12	0.58
Licenseses - 33 KV	347.15	392.71	0.47	369.12	409.79	0.47
Licenseses - 132 KV	693.14	236.10	0.75	737.01	246.37	0.75
TOTAL	8714.72	10246.05	0.4596	9267.52	10691.77	0.4643

Table - 7 (A) : Estimated / Projected load of LT consumers of DVC in Jharkhand for FY 2022-23 & FY 2023-24 (in KW)

Consumer Category	FY 2022-23		FY 2023-24	
	Estimated		Projected	
LT (in KW)	7347.98		7810.48	

Table - 7 (B) : Estimated / Projected load of LT consumers of DVC in West Bengal for FY 2022-23 & FY 2023-24 (in KVA)

Consumer Category	FY 2022-23		FY 2023-24	
	Estimated		Projected	
LT (in KVA)	200.00		200.00	

Table - 7 (C) : Projected Load of HV & EHV consumers of DVC in Jharkhand & West Bengal for FY 2022-23 & FY 2023-24 (in MVA)

Consumer Category	FY 2022-23			FY 2023-24		
	Estimated			Projected		
	Jharkhand	West Bengal		Jharkhand	West Bengal	
Industries- 11 KV	6.02	-		7.53	-	
Industries - 33 KV	853.39	887.73		907.40	926.35	
Industries - 132 KV	141.89	341.40		150.87	356.25	
Traction - 132 KV	85.45	5.00		90.85	5.00	
Industries - 220 KV	308.57	258.59		328.10	269.84	
Licenseses - 33 KV	84.68	151.32		90.04	157.91	
Licenseses - 132 KV	180.44	50.05		191.86	52.22	
TOTAL	1660.43	1694.10		1766.65	1767.57	

Table - 8 : Projected No. of Consumers / Off-take points in Jharkhand and West Bengal for FY 2022-23 & FY 2023-24 (in Nos.)

Consumer Category	FY 2022-23		FY 2023-24	
	Estimated		Projected	
	Jharkhand	West Bengal	Jharkhand	West Bengal
LT	5	2	5	2
Industries- 11 KV	30	2	70	6
Industries - 33 KV	149	104	154	107
Industries - 132 KV	11	16	12	17
Traction - 132 KV	6	2	7	2
Industries - 220 KV	2	3	2	3
Licenseses - 33 KV	5	11	6	12
Licenseses - 132 KV	4	4	4	4
TOTAL	212	144	260	153

Table 9: Projected Sales (MU), No of Consumers and Load of consumers of DVC for FY 2022-23 & FY 2023-24 in Jharkhand

Consumer Category	JHARKHAND			JHARKHAND		
	Estimated			Projected		
	FY 2022-23			FY 2023-24		
	SUPPLY POINTS	CONNECTED LOAD (KW)	CONSUMPTION (MU)	SUPPLY POINTS	CONNECTED LOAD (KW)	CONSUMPTION (MU)
LT	5	7347.98	41.05	5	7810.48	43.63
Sub-Total	5	7347.98	41.05	5	7810.48	43.63
	SUPPLY POINTS	CONNECTED LOAD (MVA)	CONSUMPTION (MU)	SUPPLY POINTS	CONNECTED LOAD (MVA)	CONSUMPTION (MU)
Industries- 11 KV	30	6.02	3.05	70	7.53	4.50
Industries - 33 KV	149	853.39	4866.79	154	907.40	5174.81
Industries - 132 KV	11	141.89	630.16	12	150.87	670.04
Traction - 132 KV	6	85.45	283.87	7	90.85	301.84
Industries - 220 KV	2	308.57	1849.50	2	328.10	1966.55
Licenseses - 33 KV	5	84.68	347.15	6	90.04	369.12
Licenseses - 132 KV	4	180.44	693.14	4	191.86	737.01
Sub-Total	207	1660.43	8673.67	255	1766.65	9223.88

Table 10 : Projected Energy Wheeling through DVC system for FY 2022-23 & FY 2023-24

Financial Year	FY 2022-23	FY 2023-24
	Estimated	Projected
Energy input in DVC system (MU)	874.68	884.68
Energy output from DVC system (MU)	817.83	827.18

Table -11: Annual Fixed Cost of Different Gen. Stations and T&D System of DVC (in Rs. Lakhs) for FY 2022-23 & 2023-24 (as per the CERC Tariff petitions for FY 2019-24) except for T&D system

STATION	FY 2022-23		FY 2023-24	
	Estimated	Projected	Estimated	Projected
DTPS U# 4	19200.51	19774.79		
MTPS U#1 to 3	54150.21	59072.00		
MTPS U#4*	14568.46	15088.28		
(CERC order dtd. 30.11.2022)				
MHS	4777.36	4979.12		
PHS	4493.65	4687.05		
THS	1272.89	1321.61		
T&D System**	49997.20	50665.45		
(CERC order dtd. 23.07.2022 & 02.03.2022)				
MTPS U#5 & 6	48303.89	49777.33		
MTPS U# 7,8	120991.83	123173.62		
CTPS U# 7&8	68480.60	70105.00		
DSTPS U# 1 & 2	121047.92	119654.44		
KTPS U# 1 & 2	126225.74	125154.00		
BTPS - A	94972.12	93387.52		
RTPS U# 1 & 2	157173.15	153816.23		

* AFC for MTPS U#4 has considered as per the latest CERC tariff order dtd. 30.11.2022 for the period FY 2019-24

* AFC for DVC T&D system has considered as per the latest CERC tariff order dtd. 23.07.2022 & 02.03.2022 for the period FY 2019-24

Table - 12 : Projected PAFY for Generating Stations / Units and TAFY for T&D System of DVC from FY 2022-23 & FY 2023-24

STATION	FY 2022-23						FY 2023-24					
	High Demand (HD) Season			Low Demand (LD) Season			High Demand (HD) Season			Low Demand (LD) Season		
	Peak (p)		Off-Peak (op)	Peak (p)		Off-Peak (op)	Peak (p)		Off-Peak (op)	Peak (p)		Off-Peak (op)
	Peak (p)	Off-Peak (op)	Peak (p)	Off-Peak (op)	Peak (p)	Off-Peak (op)	Peak (p)	Off-Peak (op)	Peak (p)	Off-Peak (op)	Peak (p)	Off-Peak (op)
DTPS U# 4	74.00%	74.00%	74.00%	74.00%	74.00%	74.00%	74.00%	74.00%	74.00%	74.00%	74.00%	74.00%
MTPS U#1 to 3	85.00%	85.00%	85.00%	85.00%	85.00%	85.00%	85.00%	85.00%	85.00%	85.00%	85.00%	85.00%
MTPS U#4	85.00%	85.00%	85.00%	85.00%	85.00%	85.00%	85.00%	85.00%	85.00%	85.00%	85.00%	85.00%
MHS	80.00%	80.00%	80.00%	80.00%	80.00%	80.00%	80.00%	80.00%	80.00%	80.00%	80.00%	80.00%
PHS	80.00%	80.00%	80.00%	80.00%	80.00%	80.00%	80.00%	80.00%	80.00%	80.00%	80.00%	80.00%
THS	80.00%	80.00%	80.00%	80.00%	80.00%	80.00%	80.00%	80.00%	80.00%	80.00%	80.00%	80.00%
T & D SYSTEM	99.00%	99.00%	99.00%	99.00%	99.00%	99.00%	99.00%	99.00%	99.00%	99.00%	99.00%	99.00%
MTPS U# 5 & 6	85.00%	85.00%	85.00%	85.00%	85.00%	85.00%	85.00%	85.00%	85.00%	85.00%	85.00%	85.00%
MTPS U# 7 & 8	85.00%	85.00%	85.00%	85.00%	85.00%	85.00%	85.00%	85.00%	85.00%	85.00%	85.00%	85.00%
CTPS U# 7 & 8	85.00%	85.00%	85.00%	85.00%	85.00%	85.00%	85.00%	85.00%	85.00%	85.00%	85.00%	85.00%
DSTPS U# 1 & 2	85.00%	85.00%	85.00%	85.00%	85.00%	85.00%	85.00%	85.00%	85.00%	85.00%	85.00%	85.00%
KTPS U# 1 & 2	85.00%	85.00%	85.00%	85.00%	85.00%	85.00%	85.00%	85.00%	85.00%	85.00%	85.00%	85.00%
BTPS 'A'	85.00%	85.00%	85.00%	85.00%	85.00%	85.00%	85.00%	85.00%	85.00%	85.00%	85.00%	85.00%
RTPS U# 1 & 2	85.00%	85.00%	85.00%	85.00%	85.00%	85.00%	85.00%	85.00%	85.00%	85.00%	85.00%	85.00%



Table 13: Projected Share of own generation for DVC's for firm consumers for entire operational area of DVC for FY 2022-23 & FY 2023-24

STATION	FY 2022-23			FY 2022-23		
	Ex bus generation (MU)	Projected allocation for firm consumer (MU)	% of Generation for firm consumers	Ex bus generation (MU)	Projected allocation for firm consumer (MU)	% of Generation for firm consumers
DTPS U# 4	110.89	110.89	100.00%	-	-	-
MTPS U# 1 to 3	2915.86	2915.86	100.00%	2987.16	2987.16	100.00%
MTPS U# 4	1309.95	1309.95	100.00%	1247.87	1247.87	100.00%
HYDEL	431.60	431.60	100.00%	469.11	469.11	100.00%
MTPS Solar PV	0.0329	0.0329	100.00%	0.0394	0.0394	100.00%
KTPS Solar PV	0.0329	0.0329	100.00%	0.0394	0.0394	100.00%
Sub Total	4768.38	4768.38	100.00%	4704.22	4704.22	100.00%
MTPS U#5 & 6	3091.14	1877.76	60.75%	3050.40	1762.52	57.78%
MTPS U# 7&8	6155.71	1986.48	32.27%	6374.79	2271.35	35.63%
CTPS U# 7&8	3164.44	1213.69	38.35%	3050.42	1112.91	36.48%
DSTPS U 1 & 2	6178.76	3355.78	54.31%	6374.84	3304.51	51.84%
KTPS U# 1 & 2	6376.93	283.10	4.44%	6374.95	613.03	9.62%
BTSP 'A'	3309.90	1487.51	44.94%	3228.72	1673.66	51.84%
RTPS U # 1 & 2	5482.94	2123.49	38.73%	5960.85	2571.32	43.14%
Sub Total	33759.82	12327.81	36.52%	34414.97	13309.31	38.67%
Total	38528.19	17096.19	44.37%	39119.20	18013.53	46.05%



Table - 14: Computation of Fixed Charges payable by firm consumers of DVC for FY 2022-23 (Estimated) (in Rs. Lakhs)

Station	Normative Availability (NAPAF)	Projected Yearly Availability (PAFY)				Annual Fixed Charge (AFC) (in Rs. Lakhs)	Contribution to P&G Fund and Contribution & Interest on Sinking Fund (in Rs. Lakhs)	Annual Fixed Charge excluding Contribution & Interest on Sinking Fund (AFC) (in Rs. Lakhs)	Total Recoverable fixed charge according to CERC formula (in Rs. Lakhs)	Share of firm consumer (%)	Recoverable Contribution to P&G Fund and Contribution & Interest on Sinking Fund (in Rs. Lakhs)	Total Recoverable Fixed charge from Firm Consumers (in Rs. Lakhs)
DTPS U# 4	74.0	HD-p	HD-op	LD-p	LD-op	19200.51	898.18	18302.33	18302.33	100%	898.18	19200.51
MTPS U#1 to 3	85.0	85.0	85.0	74.0	74.0	51450.21	2694.53	51455.67	51455.67	100%	2694.53	54150.21
MTPS U# 4	85.0	85.0	85.0	85.0	85.0	14568.46	-	14568.46	14568.46	100%	-	14568.46
MHS	80.0	80.0	80.0	80.0	80.0	2388.68	135.15	2253.53	2253.53	100%	135.15	2388.68
PHS	80.0	80.0	80.0	80.0	80.0	2246.83	171.08	2075.74	2075.74	100%	171.08	2246.83
THS	80.0	80.0	80.0	80.0	80.0	536.44	8.55	527.89	527.89	100%	8.55	536.44
T & D System	98.5	99.0	99.0	99.0	99.0	49997.20	-	49997.20	50250.99	100%	-	50250.99
SUB-TOTAL						143188.33	3907.50	139280.83	139534.62		3907.50	143442.12
MTPS U#5 & 6	85.0	85.0	85.0	85.0	85.0	43303.89	4238.46	43742.63	44065.43	60.76%	2574.71	29242.83
MTPS U# 7&8	85.0	85.0	85.0	85.0	85.0	120991.83	7884.20	113107.63	113107.63	37.27%	2544.27	39044.62
CTPS U # 7 & 8	85.0	85.0	85.0	85.0	85.0	64480.60	5948.90	62531.70	62531.70	38.35%	2281.65	26255.13
DSTPS U # 1 & 2	85.0	85.0	85.0	85.0	85.0	121047.92	11728.45	109319.46	109319.46	54.31%	6369.91	65733.05
KTPS U # 1 & 2	85.0	85.0	85.0	85.0	85.0	126225.74	12397.39	113828.35	113828.35	4.44%	550.38	5603.79
BTPS 'A'	85.0	85.0	85.0	85.0	85.0	94972.12	2138.52	92833.60	92833.60	41.94%	961.08	42681.71
RTPS U # 1 & 2	85.0	85.0	85.0	85.0	85.0	157173.15	6292.49	150880.65	150880.65	38.73%	2437.02	60871.68
SUB-TOTAL						737195.24	50628.41	686566.83	686566.83		17719.02	269552.80
GRAND TOTAL						880383.57	54535.91	825847.66	826101.45		21626.52	417994.92

Table - 15: Computation of Fixed Charges payable by firm consumers of DVC for FY 2023-24 (Projected) (in Rs. Lakhs)

Station	Normative Availability (NAPAF)	Projected Yearly Availability (PAFY)				Annual Fixed Charge (AFC) (in Rs. Lakhs)	Contribution to P&G Fund and Contribution & Interest on Sinking Fund (in Rs. Lakhs)	Annual Fixed Charge excluding Contribution & Interest on Sinking Fund (AFC) (in Rs. Lakhs)	Total Recoverable fixed charge according to CERC formula (in Rs. Lakhs)	Share of firm consumer (%)	Recoverable Contribution to P&G Fund and Contribution & Interest on Sinking Fund (in Rs. Lakhs)	Total Recoverable Fixed charge from Firm Consumers (in Rs. Lakhs)
MTPS U#1 to 3	85.0	HD-p	HD-op	LD-p	LD-op	50072.00	2821.19	56250.81	56250.81	100.00%	2821.19	59072.00
MTPS U# 4	85.0	85.0	85.0	85.0	85.0	15088.28	-	15088.28	15088.28	100.00%	-	15088.28
MHS	80.0	80.0	80.0	80.0	80.0	2489.56	141.51	2348.05	2348.05	100.00%	141.51	2489.56
PHS	80.0	80.0	80.0	80.0	80.0	2343.52	179.12	2164.40	2164.40	100.00%	179.12	2343.52
THS	80.0	80.0	80.0	80.0	80.0	660.81	8.96	651.85	651.85	100.00%	8.96	660.81
T & D System	98.5	99.0	99.0	99.0	99.0	50665.45	-	50665.45	50922.64	100.00%	-	50922.64
SUB-TOTAL						130319.62	3150.78	127168.84	127426.03		3150.78	130576.81
MTPS U#5 & 6	85.0	85.0	85.0	85.0	85.0	49777.33	4485.98	45291.34	45291.34	57.78%	2592.00	28761.37
MTPS U# 7&8	85.0	85.0	85.0	85.0	85.0	123173.62	8337.75	114835.87	114835.87	35.63%	2970.76	43887.05
CTPS U # 7 & 8	85.0	85.0	85.0	85.0	85.0	70105.00	6316.15	63788.84	63788.84	36.48%	2304.38	25577.01
DSTPS U # 1 & 2	85.0	85.0	85.0	85.0	85.0	119654.44	12451.10	107203.34	107203.34	51.84%	6454.25	62055.03
KTPS U # 1 & 2	85.0	85.0	85.0	85.0	85.0	123154.00	13166.86	110987.14	110987.14	9.62%	1266.15	12035.09
BTPS 'A'	85.0	85.0	85.0	85.0	85.0	93872.52	2239.04	91633.47	91633.47	51.84%	1160.65	48409.09
RTPS U # 1 & 2	85.0	85.0	85.0	85.0	85.0	153816.23	6614.95	147201.27	147201.27	43.14%	2853.48	66531.39
SUB-TOTAL						735068.12	53611.85	681456.28	681456.28		19601.67	287045.93
GRAND TOTAL						865387.74	56762.63	808625.12	808882.30		22752.44	417632.73



Table - 19 : Projected Average Energy Charge Rate for DVC's own thermal generating stations for FY 2022-23 & FY 2023-24

Station	FY 2022-23		FY 2023-24	
	ECR (P/Kwh)		ECR (P/Kwh)	
	Estimated	Projected	Estimated	Projected
DTPS U# 4	396.65	-		
MTPS U#1 to 3	381.15	393.93		
MTPS U# 4	381.15	393.93		
MTPS U#5 & 6	390.55	403.64		
MTPS U# 7&8	373.77	386.29		
CTPS U # 7,8	394.86	408.12		
DSTPS U # 1 & 2	426.25	440.58		
KTPS U # 1 & 2	397.42	410.79		
BTPS 'A'	281.17	290.59		
RTPS U # 1 & 2	380.32	393.08		

Table - 20 : Projected Computation of Energy Charges for DVC's own generating stations for FY 2022-23 & FY 2023-24

Station	FY 2022-23			FY 2023-24		
	ECR (P/Kwh)	Projected Energy (MU) for Firm Consumers	Energy charge (Rs. Lakh)	ECR (P/Kwh)	Projected Energy (MU) for Firm Consumers	Energy charge (Rs. Lakh)
DTPS U# 4	396.65	110.89	4398.62	-	-	-
MTPS U#1 to 3	381.15	2915.86	111139.38	393.93	2987.16	117673.56
MTPS U# 4	381.15	1309.95	49929.22	393.93	1247.87	49157.46
HYDEL	-	431.60	5271.95	-	469.11	5493.89
MTPS Solar PV	323.00	0.0329	1.06	323.00	0.0394	1.27
KTPS Solar PV	416.00	0.0329	1.37	416.00	0.0394	1.64
MTPS U#5 & 6	390.55	1877.76	73336.43	403.64	1762.52	71142.21
MTPS U# 7&8	373.77	1986.48	74248.81	386.29	2271.35	87740.64
CTPS U # 7,8	394.86	1213.69	47923.26	408.12	1112.91	45420.66
DSTPS U # 1 & 2	426.25	3355.78	143038.72	440.58	3304.51	145589.14
KTPS U # 1 & 2	397.42	283.10	11251.13	410.79	613.03	25182.42
BTPS 'A'	281.17	1487.51	41824.42	290.59	1673.66	48635.81
RTPS U # 1&2	380.32	2123.49	80760.25	393.08	2571.32	101072.66
Total	376.18	17096.19	643124.63	386.99	18013.53	697111.37

Table - 21 : Projection of Tariff Filing Fees & Publication Expenses in CERC for FY 2022-23 & FY 2023-24 (in Rs. Lakhs)

Items	FY 2022-23		FY 2023-24	
	Estimated	Projected	Estimated	Projected
Tariff Filing and Annual Licensee Fees	413.47	414.94		
Publication Expenses	51.81	54.40		
TOTAL	465.277	469.337		



Table - 22 : Projected Power Purchase Rate for Renewable & Non Renewable sources FY 2022-23 & FY 2023-24

Station	FY 2022-23		FY 2023-24	
	Avg. Rate (P./Kwh)		Avg. Rate (P./Kwh)	
	Estimated		Projected	
NHPC				
Rangit	381.66		398.51	
Teesta	159.99		162.74	
NTPC				
TSTPS Stage I	295.40		299.30	
PTC				
Chukha	240.17		240.17	
Kurichu	217.22		217.22	
Tala	216.05		216.05	
MPL				
NTPC Solar Power	422.89		428.53	
NVVNL Solar Power	935.56		935.56	
NVVNL Solar Power Transmission Charges	1040.79		1042.45	
Rooftop Solar PV System (Jyoti Kiran)	149.13		149.37	
Contingency Purchase	331.00		331.00	
GDAM Power	562.38		590.50	
Solar REC	571.61		600.19	
Non Solar REC	113.18		113.18	
	113.18		113.18	



Table 23 :- Projected power purchase cost from Renewable & Non Renewable sources for FY 2022-23 & FY 2023-24 (In Rs. Lakh)

Source Stations	FY 2022-23					FY 2023-24				
	Estimated					Projected				
	MU (GROSS)	MU (NET)	Rate (P/Kwh)	Total Cost (Rs. Lakhs)		MU (GROSS)	MU (NET)	Rate (P/Kwh)	Total Cost (Rs. Lakhs)	
NHPC										
Rangit (NHPC)	31.29	30.23	381.66	1194.15		30.98	29.93	398.51	1234.40	
Teesda (NHPC)	232.09	224.26	159.99	3713.16		232.53	225.10	162.74	3784.13	
Sub-total	263.38	254.50	186.32	4907.31		263.50	255.03	190.45	5018.53	
NTPC										
TSTPS Stage I	13.56	13.10	295.40	400.45		13.72	13.26	299.30	410.60	
Sub-total	13.56	13.10	295.40	400.45		13.72	13.26	299.30	410.60	
NTPC Solar Power	26.92	26.92	935.56	2518.95		27.19	27.19	935.56	2544.14	
NTPC - VVNL Solar Power	27.02	26.15	1040.79	2812.29		27.56	26.67	1042.45	2873.12	
NVNL Solar Power (Tr. Charges)			149.13	402.97				149.37	411.69	
Sub-total	53.95	53.08	1062.97	5734.22		54.75	53.87	1064.55	5828.95	
PTC power from Bhutan										
Chukha (PTC)	187.72	181.39	240.17	4508.43		187.90	181.56	240.17	4512.80	
Kurichu (PTC)	38.40	37.11	217.22	834.19		39.37	38.04	217.22	855.18	
Tala (PTC)	152.95	147.79	216.05	3304.47		149.89	144.84	216.05	3238.52	
Sub-total	379.07	366.28	228.11	8647.08		377.16	364.44	228.19	8606.50	
MPL	1054.00	1018.44	421.89	44572.38		1066.32	1030.35	428.53	45695.45	
Contingency Purchase	358.36	346.27	562.38	20153.14		358.36	363.58	590.50	21160.79	
Rooftop Solar PV System (Jyoti Kiran)	3.45	3.45	331.02	114.17		3.45	3.45	331.02	114.17	
GDAM Purchase (Solar & Non-Solar)	357.27	357.27	571.61	20422.09		428.72	428.72	600.19	25731.84	
Sub Total - Power Purchase	2483.03	2412.38	3660.71	104950.84		2565.99	2512.70	3732.74	112566.83	
PURCHASE OF SOLAR REC			113.18	27233.41				113.18	28818.33	
PURCHASE OF NON SOLAR REC			113.18	39299.76				113.18	41119.66	
Grand Total	2483.03	2412.38	690.62	171484.01		2565.99	2512.70	711.24	182504.82	



Table 24 :- Projected Incidental charges related to power purchase for FY 2022-23 & FY 2023-24

ITEM	FY 2022-23	FY 2023-24
	Estimated Cost (Rs Lakh)	Projected Cost (Rs Lakh)
Transmission and Incidental Charges paid to PGCIL	14205.78	14987.94
POSOCO Charges	335.23	272.75
PTC Transmission charge	92.64	94.49
Contribution to ERPC fund	16.00	16.00
Total	14649.65	15371.17

Table 25: Projection of Interest on Security Deposit for FY 2022-23 & FY 2023-24 in the State of Jharkhand (in Rs. Lakh)

Item	FY 2022-23	FY 2023-24
	Estimated	Projected
Estimated Average Security Deposit	15612.73	16595.02
Interest rate @ SBI base rate of 1st April of respective year (%)	7.55%	8.70%
Estimated Interest	1178.76	1443.77

Table 26: Projection of Environmental Protection and Other Cess for FY 2022-23 & FY 2023-24 (Rs. Lakhs)

FY	FY 2022-23	FY 2023-24
	Estimated	Projected
Environmental Protection and Other Cess	79.57	83.55

Table - 27: Projection of Non Tariff Income (NTI) for FY 2022-23 & FY 2023-24

YEAR	(in Rs. Lakh)	
	FY 2022-23	FY 2023-24
	Estimated	Projected
NTI (Rs. Lakh)	6061.19	6484.04
Interest on Temporary financial accomodation (Rs. Lakhs)	5657.11	6051.77

Table - 28 : Projection of Tariff Filing Fees & Publication Expenses in JSERC for FY 2022-23 & FY 2023-24 (In Rs lakhs)

Item	FY 2022-23	FY 2023-24
	Estimated	Projected
Tariff Filing Fees related to JSERC	38.20	38.71
Publication Expenses related to JSERC	37.18	39.04
TOTAL	75.38	77.75

Table 29: Projected Computation of Interest on Working Capital (IWC) for FY 2022-23 & FY 2023-24 (In Rs. Lakh)

Sl. No.	Particular	FY 2022-23	FY 2023-24
		Estimated	Projected
A	Revenue from sales in Jharkhand	606118.71	648403.59
B	Cost of power purchase allocated for Jharkhand in the ratio of sales	98304.35	106691.88
C	Two months receivable (A/6)	101019.78	108067.26
D	One month power purchase cost (B/12)	8192.03	8890.99
E	Security deposit held	15612.73	16595.02
F	Working Capital (C-D-E)	77215.02	82581.25
G	Interest rate (1-yr SBI MCLR as on 30.09.22 + 350 bp) (%)	11.20	11.20
H	Interest on working capital (F x G)	8648.08	9249.10



Table 30 :- Estimated ARR of DVC for FY 2022-23 for distribution activity in the State of Jharkhand

S No.	Station/item	FY 2022-23	
		Energy charge (In Rs. lakh)	Fixed charge (In Rs. lakh)
1	DTPS U# 4	4,398.62	19,200.51
2	MTPS 1 TO 3	1,11,139.38	54,150.21
3	MTPS 4	49,929.22	14,568.46
4	HYDEL	5,271.95	5,271.95
5	T&D	-	50,250.99
6	MTPS Solar PV	1.06	-
7	KTPS Solar PV	1.37	-
8	MTPS 5 & 6	73,336.43	29,342.83
9	MTPS 7 & 8	74,248.81	39,044.62
10	CTPS 7 & 8	47,923.26	26,265.13
11	DSTPS 1 & 2	1,43,038.72	65,743.05
12	KTPS 1 & 2	11,251.13	5,603.79
13	BTPS A	41,824.42	42,681.71
14	RTPS 1 & 2	80,760.25	60,871.68
15	POWER PURCHASE Cost (Including Transmission & Other Charges excluding RPO)	93,444.18	-
16	Tariff filling fees & publication expenses to CERC	-	465.28
17	Environmental Protection and Other Cess	-	79.57
18	Less: Non Tariff Income (NTI)	6,061.19	-
19	Add: Interest on Temporary Financial Accomodation	5,657.11	-
20	Add: Legal Charges	-	680.87
21	Total (Sl. No. 1 to 20-18)	7,36,164.73	4,14,220.64
22	Ratio of sales in Jharkhand part to total firm sale in entire DVC	45.96%	45.96%
23	ARR before IWC, Interest on SD & tariff filling fees in the licensed area of Jharkhand (Sl. No. 21 x 22)	3,38,354.96	1,90,383.49
24	Cost of Solar & Non Solar Power and REC Purchased to meet the solar & non solar RPO in the state of Jharkhand	55,355.67	-
25	Interest on Working Capital	-	8,648.08
26	Interest on security deposit	-	1,178.76
27	Tariff Filing Fees & Publication Expenses in JSERC	-	75.38
28	Rebate and discount allowed to consumers	12,122.37	-
29	ARR for Jharkhand Area (Sl. No. 23+24+25+26+27+28)	4,05,833.00	2,00,285.70
30	NET ARR Jharkhand (SL. NO. 29)	4,05,833.00	2,00,285.70
31	TOTAL ARR		6,06,118.71

	PARTICULARS		QUANTUM
1	Total ARR (in Rs. Crs.)	A	6061.19
2	Sale in Jharkhand (in MU)	B	8714.72
3	Avg Cost of Supply (in Rs. / Kwh)	C	6.96



Table 31 :- Projected ARR of DVC for FY 2023-24 for distribution activity in the State of Jharkhand

S No.	Station/item	FY 2023-24	
		Energy charge (In Rs. lakh)	Fixed charge (In Rs. lakh)
2	MTPS 1 TO 3	1,17,673.56	59,072.00
3	MTPS 4	49,157.46	15,088.28
4	HYDEL	5,493.89	5,493.89
5	T&D	-	50,922.64
6	MTPS Solar PV	1.27	-
7	KTPS Solar PV	1.64	-
8	MTPS 5 & 6	71,142.21	28,761.27
9	MTPS 7 & 8	87,740.64	43,887.05
10	CTPS 7 & 8	45,420.66	25,577.01
11	DSTPS 1 & 2	1,45,589.14	62,025.03
12	KTPS 1 & 2	25,182.42	12,035.09
13	BTPS A	48,635.81	48,409.09
14	RTPS 1 & 2	1,01,072.66	66,351.39
15	POWER PURCHASE Cost (Including Transmission & Other Charges excluding RPO)	96,377.22	-
16	Tariff filling fees & publication expenses to CERC	-	469.34
17	Environmental Protection and Other Cess	-	83.55
18	Less: Non Tariff Income (NTI)	6,484.04	-
19	Add: Interest on Temporary Financial Accomodation	6,051.77	-
20	Add: Legal Charges	-	694.49
21	Total (Sl. No. 1 to 20-18)	7,93,056.32	4,18,870.10
22	Ratio of sales in Jharkhand part to total firm sale in entire DVC	46.43%	46.43%
23	ARR before IWC, Interest on SD & tariff filling fees in the licensed area of Jharkhand (Sl. No. 21 x 22)	3,68,232.78	1,94,490.22
24	Cost of Solar & Non Solar Power and REC Purchased to meet the solar & non solar RPO in the state of Jharkhand	61,941.90	-
25	Interest on Working Capital	-	9,249.10
26	Interest on security deposit	-	1,443.77
27	Tariff Filing Fees & Publication Expenses in JSERC	-	77.75
28	Rebate and discount allowed to consumers	12,968.07	-
29	ARR for Jharkhand Area (Sl. No. 23+24+25+26+27+28)	4,43,142.75	2,05,260.84
30	NET ARR Jharkhand (SL. NO. 29)	4,43,142.75	2,05,260.84
31	TOTAL ARR		6,48,403.59
	PARTICULARS		QUANTUM
1	Total ARR (in Rs. Crs.)	A	6484.04
2	Sale in Jharkhand (in MU)	B	9267.52
3	Avg Cost of Supply (in Rs. / Kwh)	C	7.00



ANNEXURE-29



Form No. F1a

**Projection of Sales, No. of Consumers & Connected Load in Jharkhand area
for the period from FY 2022-23 & FY 2023-24**

Name of Distribution Licensee : Damodar Valley Corporation

A) Projection of Sales (in MU)

Consumer Category	Estimated	Projected
	FY 2022-23	FY 2023-24
LT	41.05	43.63
11kV	3.05	4.50
Industries - 33 KV	4866.79	5174.81
Industries - 132 KV	630.16	670.04
Traction - 132 KV	283.87	301.84
Industries - 220 KV	1849.50	1966.55
Licensees - 33 KV	347.15	369.12
Licensees - 132 KV	693.14	737.01
TOTAL	8714.72	9267.52

B) Projection of number of consumers

Consumer Category	Estimated	Projected
	FY 2022-23	FY 2023-24
LT	5	5
11kV	30	70
Industries - 33 KV	149	154
Industries - 132 KV	11	12
Traction - 132 KV	6	7
Industries - 220 KV	2	2
Licensees - 33 KV	5	6
Licensees - 132 KV	4	4
TOTAL	212	260

C) Projection of Connected Load (KW / MVA)

Consumer Category	Estimated	Projected
	FY 2022-23	FY 2023-24
	(kW)	(kW)
LT	7347.98	7810.48
	(MVA)	(MVA)
11kV	6.02	7.53
Industries - 33 KV	853.39	907.40
Industries - 132 KV	141.89	150.87
Traction - 132 KV	85.45	90.85
Industries - 220 KV	308.57	328.10
Licensees - 33 KV	84.68	90.04
Licensees - 132 KV	180.44	191.86
TOTAL	1660.43	1766.65



Summary of Power Purchase from Own Stations and Other Sources for the period from FY 2021-22 & FY 2022-23

Name of Distribution Licensee : Damodar Valley Corporation

SOURCE	Estimated FY 2022-23			Projected FY 2023-24		
	Net Energy (MU)	Amount (Rs. Lakhs)	Rate (Rs./Unit)	Net Energy (MU)	Amount (Rs. Lakhs)	Rate (Rs./Unit)
1) NHPC:						
RANGIT	30.23	1194.15	3.95	29.93	1234.40	4.12
TEESTA	224.26	3713.16	1.66	225.10	3784.13	1.68
SUB TOTAL NHPC	254.50	4907.31	1.93	255.03	5018.53	1.97
2) NTPC:						
TSTPS	13.10	400.45	3.06	13.26	410.60	3.10
SUB TOTAL NTPC	13.10	400.45	3.06	13.26	410.60	3.10
3) PTC:						
Chukha	181.39	4508.43	2.49	181.56	4512.80	2.49
Kurichu	37.11	834.19	2.25	38.04	855.18	2.25
Tala	147.79	3304.47	2.24	144.84	3238.52	2.24
SUB TOTAL PTC	366.28	8647.08	2.36	364.44	8606.50	2.36
4) POWER PURCHASE FROM OTHER SOURCES:						
MPL	1018.44	44572.38	4.38	1030.35	45695.45	4.43
Contingency Purchase (IEX/PXIL)	346.27	20153.14	5.82	363.58	21160.79	5.82
SUB TOTAL OTHERS	1364.71	64725.51	4.74	1393.93	66856.25	4.80
5) RENEWABLE PURCHASE OBLIGATION:						
SOLAR POWER	53.08	5734.22	10.80	57.32	5943.12	10.37
(GTAM PURCHASE) SOLAR & NON-SOLAR POWER	357.27	20422.09	5.72	428.72	25731.84	6.00
PURCHASE OF SOLAR REC		27233.41	1.13		28818.33	1.13
PURCHASE OF NON SOLAR REC		39299.76	1.13		41119.66	1.13
Roof top solar	3.45	114.17	3.31	3.45	114.17	3.31
SUB TOTAL RPO	413.79	92803.65	22.43	489.49	101727.12	20.78
6) TRANSMISSION CHARGES:						
Transmission and Incidental Charges paid to PGCIL		14205.78			14987.94	
POSOCCO Charges		335.23			272.75	
PTC Transmission charge		92.64			94.49	
Contribution to ERPC fund		16.00			16.00	
SUB TOTAL TRANSMISSION CHARGES		14649.65			15371.17	
TOTAL - POWER PURCHASE AND TRANSMISSION CHARGES (1 TO 6)	2412.38	186133.66	7.72	2516.15	197990.17	7.87
7) DVC's OWN GENERATING STATIONS	17096.19	1056119.55	6.18	18013.53	1114734.10	6.19
GRAND TOTAL	19508.57	1242253.21	6.37	20529.68	1312724.27	6.39



Energy Balance for FY 2022-23 and FY 2023-24

Name of Distribution Licensee : Damodar Valley Corporation

(Figures in MU)

A. Energy Requirement	Estimated	Projected
	FY 2022-23	FY 2023-24
Energy sales within the state of Jharkhand	8714.72	9263.02
Energy sales within the state of West Bengal	10246.05	10691.77
Total energy sales in DVC Area	18960.77	19954.78
Energy wheeled	817.83	827.18
Overall Utilization	19778.60	20781.96
T&D loss (MU)	604.72	628.61
T&D loss(%)	2.97%	2.94%
Total Energy Requirement for DVC	20383.32	21410.57

B. Energy Availability	Estimated	Projected
	FY 2022-23	FY 2023-24
Own Generation-Firm sources:		
Thermal	38096.59	38650.08
Hydel	431.60	469.11
Solar	0.07	0.08
Sub Total	38528.26	39119.28
Net Power Purchase (including UI)	2412.38	2512.28
Energy received for Wheeling	874.68	884.68
Less: Energy sold to beneficiaries and short-term sale	21432.01	21105.66
Total Energy Available for DVC	20383.32	21410.57



Computation of Interest on Working Capital (IWC) for the period from FY 2022-23 & FY 2023-24

Name of Distribution Licensee : Damodar Valley Corporation

Sl. No.	Particulars	Amount (In Rs. Lakhs)	
		Estimated FY 2022-23	Projected FY 2023-24
A	Revenue from sales in Jharkhand	606118.71	648403.59
B	Cost of power purchase allocated for Jharkhand in the ratio of sales	98304.35	106691.88
C	Two months receivable (A/6)	101019.78	108067.26
D	One month power purchase cost (B/12)	8192.03	8890.99
E	Security deposit held	15612.73	16595.02
F	Working Capital (C-D-E)	77215.02	82581.25
G	Interest rate (1-yr SBI MCLR as on 30.09.20 + 350 bp) (%)	11.20	11.20
H	Interest on working capital	8648.08	9249.10



Form T1

Existing and Proposed Tariff (TOD)

Name of Distribution Licensee : Damodar Valley Corporation

Consumer Category	Existing component of Tariff (2022-23)		Proposed component of Tariff (2023-24)	
	Energy Charges	Fixed Charges	Energy Charges	Fixed Charges
LT Consumers:				
	(Rs/kWh)	(Rs/Conn./Month)	(Rs/kWh)	(Rs/Conn./Month)
LT (Domestic)	4.25	75	4.30	80
	(Rs/kWh)	(Rs/KW/Month)	(Rs/kWh)	(Rs/KW/Month)
LT (Commercial)	4.20	150	4.41	160
HT Consumers:				
	(Rs/kVAh)	(Rs/KVA/Month)	(Rs/kVAh)	(Rs/KVA/Month)
Industries (11 KV)				
Normal	3.75	350	6.27	450.00
Peak	4.50		7.53	
Off-Peak	3.19		5.33	
Industries (33 KV)				
Normal	3.75	350	6.27	450.00
Peak	4.50		7.53	
Off-Peak	3.19		5.33	
Industries (132 KV)				
Normal	3.75	350	6.27	450.00
Peak	4.50		7.53	
Off-Peak	3.19		5.33	
Industries (220 KV)				
Normal	3.75	350	6.27	450.00
Peak	4.50		7.53	
Off-Peak	3.19		5.33	
Licensees (33 KV)				
Normal	3.40	350	5.69	450.00
Peak	4.08		6.83	
Off-Peak	2.89		4.84	
Licensees (132 KV)				
Normal	3.40	350	5.69	450.00
Peak	4.08		6.83	
Off-Peak	2.89		4.84	
Traction (132 KV)				
Normal	3.40	350	5.69	450.00
Peak	4.08		6.83	
Off-Peak	2.89		4.84	



Revenue from Current Tariffs for FY 2023-24 (TOD)

Name of Distribution Licensee : Damodar Valley Corporation

Consumer Category	Name of Tariff Scheme	Consumption slab	No. of consumers	Consumption- Slabwise (MU)	Connected Load (KW)	Energy Charge (PKWh)	Fixed Charges (Rs/KW/Month)	Fixed Charges (Total in Rs. Lakhs)	Energy Charges (Total in Rs. Lakhs.)	Rebates/Surcharges (Total in Rs. Lakhs)	Total Billed Amount (Rs.Lakhs)	Cost of Supply (PKWh)
LT (Commercial)	NON TOD	All units	5	43.63	7,810.48	420.00	150.00	140.56	1,832.66	38.46	1,932.78	443.18
Industries (11KV)	TOD	Normal Hours(10:00 to 18:00)	30	1.50	7.53	375.00	350.00	316.06	129.68	14.23	697.38	1,546.74
		Peak 1 (06:00 to 10:00)		0.75		450.00			77.81			
		Peak 2 (18:00 to 22:00)		0.75		450.00			77.81			
		Off Peak (22:00 to 06:00)		1.50		318.75			110.23			
Industries (33KV)	TOD	Normal Hours(10:00 to 18:00)	149	1,724.94	907.40	375.00	350.00	38,110.74	66,390.91	4,812.06	2,35,790.96	455.65
		Peak 1 (06:00 to 10:00)		862.47		450.00			39,834.55			
		Peak 2 (18:00 to 22:00)		862.47		450.00			39,834.55			
		Off Peak (22:00 to 06:00)		1,724.94		318.75			56,432.27			
Licensees (33KV)	TOD	Normal Hours(10:00 to 18:00)	5	123.04	90.04	340.00	350.00	3,781.82	4,329.03	339.71	16,645.66	450.95
		Peak 1 (06:00 to 10:00)		61.52		408.00			2,597.42			
		Peak 2 (18:00 to 22:00)		61.52		408.00			2,597.42			
		Off Peak (22:00 to 06:00)		123.04		289.00			3,679.68			
Industries (132KV)	TOD	Normal Hours(10:00 to 18:00)	11	223.35	150.87	375.00	350.00	5,336.41	5,098.34	845.06	31,607.90	471.73
		Peak 1 (06:00 to 10:00)		111.67		450.00			5,098.34			
		Peak 2 (18:00 to 22:00)		111.67		450.00			5,098.34			
		Off Peak (22:00 to 06:00)		223.35		318.75			7,222.65			
Licensees (132KV)	TOD	Normal Hours(10:00 to 18:00)	4	245.67	191.86	340.00	350.00	6,058.09	8,518.80	680.61	33,359.62	452.63
		Peak 1 (06:00 to 10:00)		122.84		408.00			5,111.28			
		Peak 2 (18:00 to 22:00)		122.84		408.00			5,111.28			
		Off Peak (22:00 to 06:00)		245.67		289.00			7,240.98			
Traction (132KV)	TOD	Normal Hours(10:00 to 18:00)	6	100.61	90.85	340.00	350.00	3,815.87	3,455.11	287.08	14,066.87	466.04
		Peak 1 (06:00 to 10:00)		50.31		408.00			2,073.06			
		Peak 2 (18:00 to 22:00)		50.31		408.00			2,073.06			
		Off Peak (22:00 to 06:00)		100.61		289.00			2,036.84			
Industries(220KV)	TOD	Normal Hours(10:00 to 18:00)	2	655.52	328.10	375.00	350.00	13,780.34	24,958.42	1,798.07	88,105.45	448.02
		Peak 1 (06:00 to 10:00)		327.76		450.00			14,975.05			
		Peak 2 (18:00 to 22:00)		327.76		450.00			14,975.05			
		Off Peak (22:00 to 06:00)		655.52		318.75			21,214.66			
	SUB TOTAL (HT)		207	9,223.88	1,766.65			74,199.37	3,54,651.90	8,577.02	4,20,273.85	455.54
	GRAND TOTAL - (LT & HT)		212	9,267.52				74,339.96	3,56,484.16	8,616.48	4,22,267.83	455.58



Revenue from Proposed Tariffs for FY 2023-24 (TOD)

Name of Distribution Licensee : Damodar Valley Corporation

Consumer Category	Name of Tariff Scheme	Consumption slab	No. of consumers	Consumption-Slabbewise (MU)	Connected Load (KW)	Energy Charge (PKW/h)	Fixed Charges (Rs/KW/Month)	Fixed Charges (Total in Rs. Lakhs)	Energy Charges (Total in Rs. Lakhs)	Rebates/Surcharges (Total in Rs. Lakhs)	Total Billed Amount (Rs.Lakhs)	Cost of Supply (PKW/h)
LT (Commercial)	NON TOD	All units	5	43.63	7,810.48	441.00	160.00	145.96	1,904.29	-	2,074.25	475.37
Industries (11KV)	TOD	Normal Hours (10:00 to 18:00)	30	1.50	7.53	627.00	450.00	406.40	216.83	16.26	1,019.12	2,264.70
		Peak 1 (06:00 to 10:00)		0.75		753.00						
		Peak 2 (18:00 to 22:00)		0.75		753.00						
		Off Peak (22:00 to 06:00)		1.50		533.00						
Industries (33KV)	TOD	Normal Hours (10:00 to 18:00)	149	1,724.94	90.40	627.00	450.00	48,999.53	1,11,005.60	8,412.85	3,62,443.15	700.40
		Peak 1 (06:00 to 10:00)		882.47		753.00						
		Peak 2 (18:00 to 22:00)		862.47		753.00						
		Off Peak (22:00 to 06:00)		1,724.94		533.00						
Licensees (33KV)	TOD	Normal Hours (10:00 to 18:00)	5	123.04	90.04	569.00	450.00	4,862.34	7,244.76	260.49	26,114.38	707.74
		Peak 1 (06:00 to 10:00)		61.52		683.00						
		Peak 2 (18:00 to 22:00)		61.52		683.00						
		Off Peak (22:00 to 06:00)		123.04		484.00						
Industries (132KV)	TOD	Normal Hours (10:00 to 18:00)	11	223.35	150.87	627.00	450.00	8,146.81	14,207.37	1,288.57	47,638.32	710.83
		Peak 1 (06:00 to 10:00)		111.67		753.00						
		Peak 2 (18:00 to 22:00)		111.67		753.00						
		Off Peak (22:00 to 06:00)		223.35		533.00						
Licensees (132KV)	TOD	Normal Hours (10:00 to 18:00)	4	245.67	151.86	569.00	450.00	10,360.41	14,756.46	551.96	52,200.50	709.27
		Peak 1 (06:00 to 10:00)		122.84		683.00						
		Peak 2 (18:00 to 22:00)		122.84		683.00						
		Off Peak (22:00 to 06:00)		245.67		484.00						
Traction (132KV)	TOD	Normal Hours (10:00 to 18:00)	8	100.61	90.86	569.00	450.00	4,906.12	5,782.22	240.82	21,825.03	723.06
		Peak 1 (06:00 to 10:00)		50.31		683.00						
		Peak 2 (18:00 to 22:00)		50.31		683.00						
		Off Peak (22:00 to 06:00)		100.61		484.00						
Industries (220KV)	TOD	Normal Hours (10:00 to 18:00)	2	655.52	308.10	627.00	450.00	17,717.56	41,730.48	3,132.61	1,35,640.97	689.74
		Peak 1 (06:00 to 10:00)		327.76		753.00						
		Peak 2 (18:00 to 22:00)		327.76		753.00						
		Off Peak (22:00 to 06:00)		655.52		533.00						
	SUB TOTAL (HT)		207	9,223.88	1,716.65			95,399.19	5,93,253.02	41,770.75	6,48,881.48	701.31
GRAND TOTAL - (LT & HT)			212	9,267.52			95,549.15	5,95,177.31	41,770.75	6,48,955.71	700.25	



Existing and Proposed Tariff (NON-TOD)

Name of Distribution Licensee : Damodar Valley Corporation

Consumer Category	Existing component of Tariff (2022-23)		Proposed component of Tariff (2023-24)	
	Energy Charges	Fixed Charges	Energy Charges	Fixed Charges
LT Consumers:				
	(Rs/kWh)	(Rs/Conn./Month)	(Rs/kWh)	(Rs/Conn./Month)
LT (Domestic)	4.25	75	4.30	80
	(Rs/kWh)	(Rs/KW/Month)	(Rs/kWh)	(Rs/KW/Month)
LT (Commercial)	4.20	150	4.41	160
HT Consumers:				
	(Rs/kVAh)	(Rs/KVA/Month)	(Rs/kVAh)	(Rs/KVA/Month)
Industries (11 KV)	3.75	350	6.38	450.00
Industries (33 KV)	3.75	350	6.38	450.00
Industries (132 KV)	3.75	350	6.38	450.00
Industries (220 KV)	3.75	350	6.38	450.00
Licensees (33 KV)	3.40	350	5.78	450.00
Licensees (132 KV)	3.40	350	5.78	450.00
Traction (132 KV)	3.40	350	5.78	450.00

Revenue from Current Tariffs for FY 2023-24 (NON-TOD)

Name of Distribution Licensee : Damodar Valley Corporation

Consumer Category	Name of Tariff Scheme	Consumption slab	No. of consumers	Consumption- Slabwise (MU)	Connected Load (KW)	Energy Charge (p/kWh)	Fixed Charges (Rs/KW/Month)	Fixed Charges (Total in Rs. Lakhs)	Energy Charges (Total in Rs. Lakhs)	Rebates/Surcharges (Total in Rs. Lakhs)	Total Billed Amount (Rs. Lakhs)	Cost of Supply (p/kWh)
LT (Commercial)	NON TOD	All units	5	43.63	7,810.48	420.00	150.00	140.59	1,822.66	39.46	1,933.76	443.18
Industries (11KV)	NON TOD	All units	30	4.50	7.53	375.00	350.00	316.09	369.04	14.10	891.03	1,535.62
Industries (33KV)	NON TOD	All units	149	5,174.81	907.40	375.00	350.00	38,110.74	1,99,172.73	-4,745.67	2,32,537.81	449.37
Licensees (33KV)	NON TOD	All units	5	369.12	90.04	340.00	350.00	3,781.82	12,987.09	335.38	16,433.53	445.20
Industries (132KV)	NON TOD	All units	11	670.04	150.87	375.00	350.00	6,336.41	25,411.69	636.56	31,191.54	465.52
Licensees (132KV)	NON TOD	All units	4	737.01	191.86	340.00	350.00	8,055.09	25,556.39	672.29	32,942.20	446.97
Traction (132KV)	NON TOD	All units	6	301.84	90.85	340.00	350.00	3,815.67	10,365.32	283.62	13,861.57	460.43
Industries (220KV)	NON TOD	All units	2	1,966.55	328.10	375.00	350.00	13,780.34	74,875.26	1,773.11	86,882.49	441.80
	SUB TOTAL (NT)		207	9,223.88	1,766.65			74,199.37	3,48,837.54	8,460.74	4,14,576.17	449.46
GRAND TOTAL - (LT & HT)			212	9,267.52				74,339.96	3,50,670.20	8,500.20	4,16,509.95	449.43



Name of Distribution Licensee : Damodar Valley Corporation

Consumer Category	Name of Tariff Scheme	Consumption slab	No. of consumers	Consumption- Slabwise (MU)	Connected Load (KW)	Energy Charge (PKWh)	Fixed Charges (Rs/KW/Month)	Fixed Charges (Total in Rs. Lakhs)	Energy Charges (Total in Rs. Lakhs.)	Rebates/Surcharges (Total in Rs. Lakhs)	Total Billed Amount (Rs. Lakhs)	Cost of Supply (PKWh)
LT (Commercial)	NON TOD	All units	5	43.63	7,810.48	441.00	158.00	149.96	1,924.29	-	2,074.25	475.37
Industries (11KV)	NON TOD	All units	30	4.50	7.53	638.00	450.00	406.40	661.89	48.83	1,019.46	2,265.47
Industries (33KV)	NON TOD	All units	149	5,174.81	907.40	638.00	450.00	48,999.53	3,38,853.21	25,238.55	3,62,620.19	700.74
Licensees (33KV)	NON TOD	All units	5	369.12	90.04	578.00	450.00	4,862.34	22,078.05	841.48	26,098.92	707.05
Industries (132KV)	NON TOD	All units	11	670.04	150.87	638.00	450.00	8,146.81	43,368.87	3,865.70	47,650.98	711.16
Licensees (132KV)	NON TOD	All units	4	737.01	191.86	578.00	450.00	10,360.41	43,445.87	1,655.85	52,150.38	707.59
Traction (132KV)	NON TOD	All units	6	301.84	90.85	578.00	450.00	4,906.12	17,621.05	722.46	21,804.71	722.39
Industries (220KV)	NON TOD	All units	2	1,966.55	328.10	638.00	450.00	17,717.58	1,27,387.78	9,397.84	1,35,707.52	690.08
			207	9,223.88	1,766.65			95,399.19	5,93,423.72	41,770.75	6,47,052.16	701.50
GRAND TOTAL - (LT & HT)	SUB TOTAL (HT)		212	9,267.52				95,549.15	5,95,341.01	41,770.75	6,48,126.42	700.43



ANNEXURE-30



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Consolidated Proposals for Miscellaneous Charges for Tariff for FY 2023-24 for distribution activity of DVC in the state of Jharkhand

DVC proposes Schedule of Miscellaneous Charges in line with Tariff order of DVC dtd. 30.09.2020 passed by this Hon'ble Commission.

Sl. No.	Purpose	Scale of Charges	Payment Realisation
1.	Application Fee		
	LT Connection	Rs.100	Payable with Energy Bill
	HT Connection	Rs. 500	
2	Revision of Estimate on Consumer Request based on Revision in Original Application		
	LT Connection	Rs. 100	Payable with Energy Bill
	HT Connection	Rs. 500	
3	Testing of Consumers Installation¹		
	LT Supply	Rs. 100	Payable with Energy Bill
	HT Supply	Rs. 500	
4	Meter Test when Accuracy disputed by Consumer²		
	Single Phase/Three Phase	Rs. 100	Payable with Energy Bill
	Trivector/Special Type Meter, HT, EHT Metering Equipment	Rs. 1000	
5	Removing/Refixing of Meter/Changing of Meter or Meter Equipment/Fixing of Sub Meter on the request of the Consumer/Fixing of Sub Meter Resealing of Meter when seals are found broken		
	Single Phase/Three Phase	Rs. 200	Payable with Energy Bill
	Trivector/Special Type Meter, HT, EHT Metering Equipment	Rs. 1000	
6	Fuse call-Replacement		
	Consumer Fuse	Rs. 100	Payable with Energy Bill
7	Disconnection/ Reconnection		
	LT Connection	Rs. 200	Payable in advance along with the Consumer request. In case, the same consumer is reconnected or disconnected within 12 months, 50% will be charged extra.
	HT Connection	Rs. 1500	
10	Replacement of meter card, if lost or damaged by Consumer	Rs. 100	Payable with Energy Bill
11	Security Deposit	As per JSERC (Electricity Supply Code) Regulations, 2015 as amended from time to time.	
12	Transformer Rent³		
	Upto 200 kVA	Rs. 5500/Month	Payable with Energy Bill
	Above 200 kVA	Rs. 7500/Month	Payable with Energy Bill

¹First test & Inspection free of charge, but should any further test and inspection be necessitated by faults in the installation or by not compliance with the conditions of supply for each extra test or inspection.

²If the meter is found defective within the meaning of the Indian Electricity Rules 1956, no charge shall be levied. If it is proved to be correct within the permissible limits laid down in the Rules, the amount will be charged in the next energy bill.

³Applicable for 6-month duration from the date of taking the transformer on rent, thereafter monthly escalation of 10% would be applicable.



ANNEXURE-31



**CENTRAL ELECTRICITY REGULATORY COMMISSION
NEW DELHI**

Petition No. 482/TT/2020

Coram:

**Shri I. S. Jha, Member
Shri Arun Goyal, Member
Shri P. K. Singh, Member**

Date of Order: 23.07.2022

In the matter of:

Corrigendum to order dated 10.06.2022 in Petition No. 482/TT/2020

AND

In the Matter of:

Approval under Regulation 86 of the Central Electricity Regulatory Commission (Conduct of Business) Regulations, 1999 and truing up of transmission tariff of 2014-19 period under the Central Electricity Regulatory Commission (Terms and Conditions of Tariff) Regulations, 2014 and determination of transmission tariff of 2019-24 period under the Central Electricity Regulatory Commission (Terms and Conditions of Tariff) Regulations, 2019 in respect of "Existing Transmission and Distribution (T&D) System Network" of Damodar Valley Corporation in Eastern Region.

And in the matter of:

Damodar Valley Corporation,
DVC Towers, VIP Road,
Kolkata-700054.

.... Petitioner

Versus

1. West Bengal State Electricity Distribution Company Limited,
(Previously West Bengal State Electricity Board),
Vidyut Bhawan, Block 'DJ', Sector-11, Salt Lake City,
Kolkata-700091.
2. Jharkhand Bijlee Vitran Nigam Limited,
Engineer's Building, Dhurwa,
Ranchi-834004.

...Respondent(s)



CORRIGENDUM

The Commission vide order dated 10.6.2022 in Petition No. 482/TT/2020 has trued-up the tariff of the 2014-19 tariff period under the Central Electricity Regulatory Commission (Terms and Conditions of Tariff) Regulations, 2014 and determined tariff for 2019-24 tariff period under the Central Electricity Regulatory Commission (Terms and Conditions of Tariff) Regulations in respect of "Existing Transmission and Distribution (T&D) System Network" of Damodar Valley Corporation in Eastern Region.

2. It is observed that certain inadvertent errors have crept in the order dated 10.6.2022 in respect of debt-equity ratio allowed as on 1.4.2019, O & M Expenses allowed for transformer capacity and sub-station bays for 2019-24 Period.

3. Therefore, in terms of the Regulation 111 read with Regulation 103A of the Central Electricity Regulatory Commission (Conduct of Business) Regulations, 1999, the said inadvertent errors are being corrected as under.

4. The debt-equity allowed as on 1.4.2019 in paragraph 173 of the order dated 10.6.2022 is corrected and be read as follows:

Funding	Capital Cost (as on 1.4.2019) (In ₹ Lakh)	(in %)	Capital Cost (as on 31.3.2024) (In ₹ Lakh)	(in %)
Debt	112242.60	67.45%	120325.37	67.66%
Equity	54167.48	32.55%	57509.48	32.34%
Total	166410.08	100.00%	177834.85	100.00%

5. Consequent upon rectification as above, Interest on Loan allowed for 2019-24 tariff period in paragraph 179 of the order dated 10.6.2022 is corrected and be read as follows:

Particular	2019-20	2020-21	2021-22	2022-23	(₹ in lakh) 2023-24
Gross Normative Loan	112242.60	115532.39	118529.78	119593.81	119896.26
Cumulative Repayments up-to Previous Year	105184.81	105184.81	106063.45	108954.42	109921.83
Net Loan-Opening	7057.79	10347.58	12466.33	10639.40	9974.42
Addition due to ACE	3354.19	3102.67	1101.05	302.72	435.72



Particular	2019-20	2020-21	2021-22	2022-23	2023-24
De-Capitalisation	-64.41	-105.28	-37.02	-0.28	-6.61
Repayment during the year	0.00	878.65	2890.96	967.42	475.21
Net Loan-Closing	10347.58	12466.33	10639.40	9974.42	9928.33
Average Loan	8702.69	11406.95	11552.86	10306.91	9951.38
Weighted Average Rate of Interest on Loan (in %)	10.12%	10.15%	10.15%	10.15%	10.15%
Interest on Loan	880.71	1157.81	1172.62	1046.15	1010.06

6. Consequent upon the above rectification, Return on Equity allowed for 2019-24 tariff period in paragraph 181 of the order dated 10.6.2022 is corrected and be read as follows:

(₹ in lakh)					
Particulars	2019-20	2020-21	2021-22	2022-23	2023-24
Opening Equity	54167.48	55540.59	56765.02	57199.89	57329.34
Addition due to ACE	1437.51	1329.72	471.88	129.74	186.74
DE-Capitalisation	-64.41	-105.28	-37.02	-0.28	-6.61
Closing Equity	55540.59	56765.02	57199.89	57329.34	57509.48
Average Equity	54854.03	56152.80	56982.45	57264.62	57419.41
Return on Equity (Base Rate) (in %)	15.50%	15.50%	15.50%	15.50%	15.50%
Tax Rate applicable (in %)	0.000%	0.000%	0.000%	0.000%	0.000%
Rate of Return on Equity (Pre-tax)	15.500%	15.500%	15.500%	15.500%	15.500%
Return on Equity (Pre-tax)	8502.38	8703.68	8832.28	8876.02	8900.01

7. The table under paragraph 189 of the order dated 10.6.2022 allowing O & M Expenses for the 2019-24 tariff period is corrected and be read as follows:

(₹ in lakh)					
Particulars	2019-20	2020-21	2021-22	2022-23	2023-24
Transmission Line claimed	1623.46	1681.19	1739.63	1802.18	1863.75
Transmission Line allowed	1623.46	1681.19	1739.63	1802.18	1863.75
Sub-station bays claimed	31107.46	32192.58	33332.25	34493.50	35711.39
Sub-station bays allowed	24946.25	25815.82	26730.36	27661.20	28638.32
Transformer Capacity claimed	3040.67	3151.99	3263.31	3377.13	3497.20
Transformer Capacity allowed	2144.05	2221.75	2301.60	2380.27	2467.78
Communication claimed	1176.41	1212.31	1249.40	1287.72	1327.31
Communication allowed	1176.41	1212.31	1249.40	1287.72	1327.31



Particulars	2019-20	2020-21	2021-22	2022-23	2023-24
Total O&M Expenses for Existing T&D system claimed	36948.00	38238.07	39584.59	40960.53	42399.65
Total O&M Expenses for Existing T&D system Allowed	29890.17	30931.07	32020.99	33131.37	34297.16

8. Consequent upon rectification as above, Interest on Working Capital allowed in paragraph 203 of the order dated 10.6.2022 is corrected and be read as follows:

(₹ in lakh)					
Particulars	2019-20	2020-21	2021-22	2022-23	2023-24
Maintenance Spares (Maintenance Spares @15% of O&M Expenses)	4,483.53	4,639.66	4,803.15	4,969.71	5,144.57
O&M Expenses (O&M Expenses for one month)	2,490.85	2,577.59	2,668.42	2,760.95	2,858.10
Receivables (Receivables equivalent to 45 days of annual fixed cost)	5,006.18	5,311.32	5,708.31	5,599.81	5,670.26
Total Working Capital	11,980.56	12,528.57	13,179.88	13,330.47	13,672.93
Rate of Interest on working capital (in %)	12.05	11.25	10.50	10.50	10.50
Interest on Working Capital	1,443.66	1,409.46	1,383.89	1,399.70	1,435.66

Annual Fixed Charge

9. The Annual fixed charges approved for the 2014-19 tariff period in paragraph 218(a) and additional expenses allowed in paragraph 218(b) of order dated 10.6.2022 have been merged into one table in paragraph 218. Accordingly, paragraph 218(a) and 218(b) stands deleted. The modified table under paragraph 218 be read as follows:

(₹ in lakh)					
Particulars	2014-15	2015-16	2016-17	2017-18	2018-19
A. Annual Fixed Charges:-					
Depreciation	13876.32	14200.21	14439.27	12245.73	231.41
Interest on Loan	1035.75	342.06	44.38	336.83	670.25
Return on Equity	9041.97	9213.14	9334.60	8910.16	8384.88
Interest on Working Capital	3137.32	3238.79	3358.63	3433.83	3278.22
O&M Expenses	46810.53	48729.98	50873.13	53203.42	55472.47



Particulars	2014-15	2015-16	2016-17	2017-18	2018-19
Sub-Total(A)	73901.89	75724.18	78050.01	78129.97	68037.23
B. Additional Expenses Allowed: -					
Common office expenses apportioned to T&D network	105.10	99.82	99.43	107.37	112.07
Sinking fund for T&D assets of DVC	2394.71	2394.71	2394.71		
DVC's share of savings in interest cost due to loan restructuring				72.32	108.02
Sub-Total(B)	2499.81	2494.53	2494.14	179.69	220.09
Total (A+B)	76401.70	78218.71	80544.15	78309.66	68257.32

10. The revised Annual fixed charges approved for the 2019-24 tariff period in paragraph 220 and additional expenses allowed in paragraph 221 of order dated 10.6.2022 stands, corrected and merged into one table in paragraph 220 and paragraph 221 stands deleted. The modified table under paragraph 220 be read as follows:

(₹ in lakh)					
Particulars	2019-20	2020-21	2021-22	2022-23	2023-24
A. Annual Fixed Charges:-					
Depreciation	0.00	878.65	2890.96	967.42	475.21
Interest on Loan	880.71	1157.81	1172.62	1046.15	1010.06
Return on Equity	8502.38	8703.68	8832.28	8876.02	8900.01
Interest on Working Capital	1,443.66	1,409.46	1,383.89	1,399.70	1,435.66
O&M Expenses	29890.20	30931.07	32020.99	33131.37	34297.16
Sub Total (A)	40716.95	43080.67	46300.74	45420.66	46118.10
B. Additional Expenses Allowed: -					
Common office expenses apportioned to T&D network	113.35	121.65	123.18	105.93	96.56
DVC's share of savings in interest cost due to loan restructuring	12.85	17.13	11.09	5.84	4.27
CISF & Other Security Expenses	2060.08	2132.27	2206.99	2284.32	2364.37
SubTotal (B)	2186.28	2271.05	2341.26	2396.09	2465.20
Total (A+B)	42903.23	45351.72	48642.00	47816.75	48583.30

11. Except for the above, all other terms contained in the order dated 10.6.2022 in Petition No.482/TT/2020 remains unchanged.

sd/-
(P. K. Singh)
Member

sd/-
(Arun Goyal)
Member

sd/-
(I. S. Jha)
Member



**CENTRAL ELECTRICITY REGULATORY COMMISSION
NEW DELHI**

Petition No. 205/GT/2020

Coram:

**Shri I.S Jha, Member
Shri Arun Goyal, Member
Shri Pravas Kumar Singh, Member**

Date of Order: 30th November, 2022

In the matter of

Petition for truing up of annual fixed charges for the 2014-19 tariff period and for determination of tariff for the 2019-24 tariff period in respect of Unit-4 of Mejia Thermal Power Station (210 MW).

And

In the matter of

Damodar Valley Corporation,
DVC Towers, VIP Road
Kolkata

...Petitioner

Vs

1. West Bengal State Electricity Distribution Company Limited
Block 'DJ' Sector-11, Salt Lake City
Kolkata – 700 091
2. Jharkhand Bijli Vitran Nigam Limited
Engineering Building, HEC, Dhurwa,
Ranchi- 834 004

...Respondents

Parties Present:

Ms. Anushree Bardhan, Advocate, DVC
Ms. Srishti Khindaria, Advocate, DVC
Shri Manik Rakshit, DVC
Shri Subrata Ghosal, DVC
Shri Samit Mandal, DVC
Shri Arnab Kr. Sinha, DVC
Shri Rajiv Yadav, Advocate, DVPCA (Objector)



29.7.2016 in Petition No. 465/GT/2014, the fixed charges have been computed and has been allocated to various generating stations as under:

	(Rs. in lakh)				
	2014-15	2015-16	2016-17	2017-18	2018-19
Depreciation	471.40	407.64	343.93	348.25	368.72
Interest on Loan	140.86	111.83	99.77	67.56	58.18
Return on Equity	548.59	550.43	551.28	563.88	583.46
Total	1160.85	1069.90	994.98	979.69	1010.37

	(Rs. in lakh)					
	Capital Cost as on 1.4.2014	2014-15	2015-16	2016-17	2017-18	2018-19
All DVC Generating Stations	2036943.91	1068.68	984.95	915.98	901.90	930.14
T&D	175678.95	92.17	84.95	79.00	77.79	80.22
Total	2212622.86	1160.85	1069.90	994.98	979.69	1010.37

	(Rs. in lakh)				
	2014-15	2015-16	2016-17	2017-18	2018-19
MTPS Unit-4	35.87	32.58	25.85	25.53	26.99

Annual Fixed Charges

162. Accordingly, the annual fixed charges approved for the generating station for the 2014-19 tariff period is summarized as under:

	(Rs. in lakh)				
	2014-15	2015-16	2016-17	2017-18	2018-19
Depreciation	5227.44	5227.44	5227.44	3018.10	0.00
Interest on Loan	189.14	0.00	0.00	0.00	0.00
Return on Equity	3364.12	3364.12	3364.12	3364.12	3364.12
Interest on Working Capital	2169.72	2204.68	2212.31	2228.63	2209.44
O&M Expenses	5019.00	5334.00	5670.00	6027.00	6407.10
Water Charges	0.00	200.64	85.35	179.73	182.92
Capital Spares	0.00	79.29	19.00	6.45	432.23
Compensation Allowance	0.00	42.00	42.00	42.00	42.00
Sub-Total (A)	15969.41	16452.17	16620.22	14866.03	12637.81
Additional O&M Expense					
Impact of Pay Revision	0.00	0.00	0.00	0.00	0.00
Impact of GST	0.00	0.00	0.00	0.00	0.00
Share of Pension & Gratuity Contribution	0.00	0.00	0.00	0.00	0.00
Share of subsidiary Activities	117.66	143.84	119.92	115.39	81.50
Ash Disposal Expense	0.00	89.28	291.57	475.09	356.84
Interest & Contribution on Sinking Fund (As per section 40, Part IV of DVC Act)	583.96	626.86	719.68	0.00	0.00
Share of Common Office Expenses	35.87	32.58	25.85	25.53	26.99
Additional O&M Expenses-Sub-Total (B)	737.50	892.56	1157.02	616.01	465.33
Total Annual Fixed Charges (C)=(A+B)	16706.91	17344.73	17777.24	15482.04	13103.14

Note: (1) All figures are on annualized basis. (2) All figures under each head have been rounded. The figure in total



column in each year is also rounded. As such the sum of individual items may not be equal to the arithmetic total of the column.

164. The difference between the annual fixed charges already recovered by the Petitioner and the annual fixed charges determined by this order shall be adjusted in terms of the provisions of Regulation 8(13) of the 2014 Tariff Regulations.

DETERMINATION OF TARIFF FOR THE 2019-24 TARIFF PERIOD

165. The Petitioner, in this petition, has also sought the determination of tariff of the generating station for the 2019-24 tariff period, in terms of the 2019 Tariff Regulations. Accordingly, the Petitioner *vide* affidavit dated 21.1.2020 has claimed the capital cost and annual fixed charges for the 2019-24 tariff period as under:

Capital Cost claimed

(Rs. in lakh)

	2019-20	2020-21	2021-22	2022-23	2023-24
Opening Capital Cost (A)	72645.78	72897.62	73482.62	74063.39	74579.72
Add: Additions during the year / period (B)	333.33	862.32	743.66	717.54	111.32
Less: De-capitalization during the year / period (C)	81.49	277.31	162.90	201.21	0.00
Less: Reversal during the year / period (D)	0.00	0.00	0.00	0.00	0.00
Less: Undischarged liabilities (E)	0.00	0.00	0.00	0.00	0.00
Add: Discharges during the year / period (F)	0.00	0.00	0.00	0.00	0.00
Closing Capital Cost (G) = (A+B-C-D-E+F)	72897.62	73482.62	74063.39	74579.72	74691.03
Average Capital Cost (H) = (A+G)/2	72771.70	73190.12	73773.00	74321.55	74635.37

Annual Fixed Charges claimed

(Rs. in lakh)

	2019-20	2020-21	2021-22	2022-23	2023-24
Depreciation	430.08	449.92	774.18	640.30	463.53
Interest on loan	13.86	13.55	16.43	12.89	7.13
Return on Equity	4313.21	4334.94	4364.20	4394.34	4412.94
Interest on Working Capital	1856.34	1870.31	1893.58	1910.68	1931.57
O&M Expenses	6921.60	7165.20	7415.10	7677.60	7946.40
Water Charges	583.90	640.54	704.59	775.05	854.89
Security Expenses	513.63	536.23	559.83	584.47	610.18
Special Allowance	0.00	0.00	0.00	0.00	0.00
Sub-Total (A)	14632.62	15010.70	15727.90	15995.33	16226.64
DVC's share of savings in interest cost due to loan restructuring	0.64	0.63	0.76	0.60	0.33
Share of P&G	782.55	819.34	857.85	898.18	940.40



Annual Fixed Charges

277. Based on the above discussion, the annual fixed charges allowed for the generating station for the 2019-24 tariff period is summarized as follows:

	(Rs. in lakh)				
	2019-20	2020-21	2021-22	2022-23	2023-24
Depreciation	0.00	0.00	0.00	132.66	243.55
Interest on loan	1.11	2.52	2.81	6.93	5.53
Return on Equity	3362.97	3355.52	3345.44	3345.81	3349.96
Interest on Working Capital	1821.14	1713.89	1612.58	1629.82	1646.97
O&M Expenses	6921.60	7165.20	7415.10	7677.60	7946.40
Water Charges	583.90	640.54	704.59	775.05	854.89
Security Expenses	501.48	523.54	546.58	570.63	595.74
Sub-total (A)	13192.20	13401.21	13627.10	14138.50	14643.04
Share of P&G	0.00	0.00	0.00	0.00	0.00
Share of Common Office Expenditure	28.49	28.00	27.80	27.78	25.37
Ash evacuation	353.44	368.99	385.23	402.18	419.88
Mega insurance	0.00	0.00	0.00	0.00	0.00
Subsidiary activity	0.00	0.00	0.00	0.00	0.00
Sub-total (B)	381.93	396.99	413.03	429.96	445.24
Total Annual Fixed Charges	13574.13	13798.20	14040.13	14568.46	15088.28

Note: (1) All figures are on annualized basis. (2) All figures under each head have been rounded. The figure in total column in each year is also rounded. As such the sum of individual items may not be equal to the arithmetic total of the column.

278. The annual fixed charges approved as above are subject to truing up in terms of Regulation 13 of the 2019 Tariff Regulations.

Application Fee and Publication expenses

279. The Petitioner has sought the reimbursement of filing fee paid by it for filing the tariff petition for the 2019-24 tariff period and for publication expenses. The Petitioner shall be entitled for reimbursement of the filing fees and publication expenses in connection with the present petition, directly from the beneficiaries on pro-rata basis in accordance with the Regulation 70(1) of the 2019 Tariff Regulations.

280. Similarly, RLDC Fees & Charges paid by the Petitioner in terms of the Central Electricity Regulatory Commission (Fees and Charges of Regional Load Dispatch Centre and other related matters) Regulations, 2019, shall be recovered from the beneficiaries. In addition, the Petitioner is entitled for recovery of statutory taxes,

levies, duties, cess etc. levied by the statutory authorities in accordance with the 2019
Tariff Regulations.

281. Petition No. 205/GT/2020 is disposed of in terms of the above.

Sd/-
(Pravas Kumar Singh)
Member

S d/-
(Arun Goyal)
Member

Sd/-
(I.S. Jha)
Member



**CENTRAL ELECTRICITY REGULATORY COMMISSION
NEW DELHI**

Petition No. 713/TT/2020

Coram:

**Shri P. K. Pujari, Chairperson
Shri I. S. Jha, Member
Shri Arun Goyal, Member
Shri P. K. Singh, Member**

Date of Order: 02.03.2022

In the matter of:

Approval under Regulation 86 of the Central Electricity Regulatory Commission (Conduct of Business) Regulations 1999 and truing up of transmission tariff of the 2014-19 period under Central Electricity Regulatory Commission (Terms and Conditions of Tariff) Regulations, 2014 and determination of transmission tariff of the 2019-24 period under the Central Electricity Regulatory Commission (Terms and Conditions of Tariff) Regulations 2019 in respect of New elements of Transmission and Distribution System Network of Damodar Valley Corporation in Eastern Region.

And in the matter of

Damodar Valley Corporation,
DVC Towers, VIP Road,
Kolkata-700054.

.....Petitioner

Versus

1. West Bengal State Electricity Distribution Company Limited,
(Previously West Bengal State Electricity Board),
Vidyut Bhawan, Block 'DJ', Sector-11, Salt Lake City,
Kolkata-700091.

2. Jharkhand Bijlee Vitran Nigam Limited,
Engineers' Building, Dhurwa, Ranchi-834004.

.....Respondent(s)

For Petitioner : Shri M. G. Ramachandran, Senior Advocate, DVC
Ms. Anushree Bardhan, Advocate, DVC
Shri Manik Rakshit, DVC
Shri Subrata Ghosal, DVC
Shri Samit Mandal, DVC

For Respondents : Shri Rajiv Yadav, Advocate, DVPCA



ORDER

The Petitioner, Damodar Valley Corporation, has filed the instant petition for true-up of transmission tariff of the 2014-19 tariff period under the Central Electricity Regulatory Commission (Terms and Conditions of Tariff) Regulations, 2014 (hereinafter referred to as "the 2014 Tariff Regulations"); and for determination of transmission tariff for the period from 1.4.2019 to 31.3.2024 under the Central Electricity Regulatory Commission (Terms and Conditions of Tariff) Regulations, 2019 (hereinafter referred to as "the 2019 Tariff Regulations") in respect of the following new elements of the Transmission and Distribution (T&D) network of Damodar Valley Corporation (DVC), added after 31.3.2014 (hereinafter referred to as "the transmission assets"):

- Asset-I:** 132 kV Biada Sub-station;
- Asset-II:** 220 kV Koderma-Giridih D/C Transmission Line;
- Asset-III:** 33 kV Koderma-Koderma R/S D/C Transmission Line;
- Asset-IV:** 33 kV Barjora-Biph D/C Transmission Line; and
- Asset-V:** Two nos. of 33 kV bays at North-Karanpura Sub-station.

(Asset-I, Asset-II, Asset-III, Asset-IV and Asset-V have been collectively referred to as "the transmission assets" for the 2014-19 tariff period. Asset-I, Asset-II, Asset-III, Asset-IV and Asset-V have been combined as on 1.4.2019 and have been collectively referred to as "Combined Asset" under new T&D network elements DVC in Eastern Region for the 2019-24 tariff period).

2. The Petitioner has amended the petition vide affidavit dated 24.2.2021 and has also revised the prayers made earlier in the petition. The Petitioner's revised prayers are as follows:

"PART-A: TRUE-UP PETITION FOR THE PERIOD 2014-19

In the light of the above submissions, the petitioner respectfully prays before the Hon'ble Commission:

- a) *To take on record the Petition No 713/TT/2020, Diary No. TT/276/2020, as the True up petition for the 2014-19 period and treat this as the amended Petition of the Petition No. 713/TT/2020, Diary No. TT/276/2020;*



136. We observe that the Petitioner has prayed for separate sharing methodology for the 2014-19 and 2019-24 tariff periods. As far as the Petitioner's prayer for sharing of trued-up charges of 2014-19 tariff period is concerned, it is in line with order dated 5.2.2020 in Petition No. 335/TT/2018, wherein the Commission had directed that the charges of existing as well as new T&D system (i.e. non-ISTS system) shall be included as an input cost in ARR and recovered from the distribution consumers on approval by WBSERC and JSERC and that these shall not be included in the PoC pool under the 2010 Sharing Regulations.

137. The Commission vide order dated 5.2.2020 in Petition No. 335/TT/2018 had allowed the transmission charges to be recovered under Regulation 43 of the 2014 Tariff Regulations and the 2010 Sharing Regulations (i.e. PoC mechanism) only in case of 4 existing and new 400 kV inter-State transmission lines which were certified by ERPC as non-ISTS lines carrying ISTS power (i.e. deemed ISTS lines) with effect from 1.4.2017. Therefore, except for those 4 Transmission lines being treated as deemed ISTS lines, the Commission has consistently maintained that charges of all the other assets forming part of T&D System (old and new) of the Petitioner, shall be included as an input cost in the ARR and recovered from the distribution consumers on approval by WBERC and JSERC and shall not be included in the PoC pool.

138. In line with order dated 5.2.2020 in Petition No. 335/TT/2018, the transmission charges allowed for the transmission assets for 2019-24 period shall be included as an input cost in ARR and recovered from the distribution consumers on approval by WBERC and JSERC. These charges shall not be included in common pool.

139. As regards other transmission lines/ sub-stations, the sharing of transmission charges shall be decided in relevant petitions.

140. To summarise:



Order in Petition No. 713/TT/2020



- a) The trued-up AFC approved for the transmission assets for the 2014-19 tariff period are as follows:

(₹ in lakh)

Asset-I			
2015-16 (Pro-rata 327 days)	2016-17	2017-18	2018-19
823.01	979.70	996.03	981.24

(₹ in lakh)

Asset-II			
2015-16 (Pro-rata 184 days)	2016-17	2017-18	2018-19
769.84	1500.84	1517.90	1533.70

(₹ in lakh)

Asset-III				
2014-15 (Pro-rata 21 days)	2015-16	2016-17	2017-18	2018-19
4.16	71.38	73.92	77.20	75.34

(₹ in lakh)

Asset-IV				
2014-15 (Pro-rata 186 days)	2015-16	2016-17	2017-18	2018-19
2.80	40.40	73.65	71.01	70.23

(₹ in lakh)

Asset-V	
2017-18 (Pro-rata 328 days)	2018-19
63.85	74.57

- b) AFC allowed for Combined Asset for the 2019-24 tariff period in this order are as follows:

(₹ in lakh)

2019-20	2020-21	2021-22	2022-23	2023-24
2480.83	2380.52	2279.00	2180.45	2082.15

141. This order disposes of Petition No. 713/TT/2020 in terms of above discussions and findings.

sd/-
(P. K. Singh)
Member

sd/-
(Arun Goyal)
Member

sd/-
(I. S. Jha)
Member

sd/-
(P. K. Pujari)
Chairperson



ANNEXURE-32



Revenue Gap/Surplus after considering the Impact of True-up order of T&D system and MTPS Unit 4

Particulars	Unit	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21
		Order dtd 18.05.2018			Order dtd 18.05.2018	Order dtd 30.09.2020				
Revenue Gap(+)/Surplus (-) Determined Effect of CERC True-up Order	Rs Cr.	174.44	961.00	-65.8	-484.28	-311.3	-533.39	503.02	942.5	998.71
Effective Gap(+)/Surplus (-) Determined after considering the True-Up order of CERC	Rs Cr.	174.44	961.00	81.57	-313.43	-126.15	-274.56	696.25	942.50	998.71
Sale to JBVNL	MU	3728	4181	4232	4825	4874	4959	3659	256	246
Sale to others	MU	5369	5430	5583	5413	5487	6025	6588	6741	7004
Total Sale	MU	9097	9611	9815	10238	10361	10984	10247	6997	7250
Revenue Gap(+)/Surplus (-) for Consumers other than JBVNL	Rs Cr.	102.95	542.94	46.40	-165.71	-66.80	-150.60	447.63	908.02	964.82

Computation of Revenue gap/Surplus along with carrying cost @ Simple Interest Rate

Particulars	Unit	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	Total
		A	B	C	D = A+B	E = (B x C)/2	F = A x C						
Opening Gap/Surplus	Rs Cr.	0.00	102.95	645.90	692.30	526.58	459.78	309.18	756.81	1664.83	2629.65	3594.47	
Revenue Gap/Surplus	Rs Cr.	102.95	542.94	46.40	-165.71	-66.80	-150.60	447.63	908.02	964.82	964.82	964.82	4559.29
Interest Rate	%	14.75%	14.45%	14.75%	14.75%	12.80%	12.60%	12.20%	12.55%	11.65%	11.65%	11.65%	
Cumulative Revenue Gap/Surplus during the year	Rs Cr.	102.95	645.90	692.30	526.58	459.78	309.18	756.81	1664.83	2629.65	3594.47	4559.29	
Interest on the Opening Gap/Surplus	Rs Cr.	7.59	39.23	3.42	-12.22	-4.28	-9.49	27.31	56.98	56.20	56.20	56.20	277.14
Interest on Opening Gap/Surplus	Rs Cr.	0.00	14.88	95.27	102.11	67.40	57.93	37.72	94.98	193.95	306.35	418.76	1389.36
Total Impact (Rs Cr)													6225.79

Note:- 1. For FY 2021-22 and FY 2022-23 Revenue gap has been considered same as of FY 2020-21
2. In the above calculation Revenue gap/surplus on account of JBVNL has been set aside in line with the approved methodology of this Hon'ble Commission.

