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.)
		000 10 0
3 MTPS (1-3)		9,24,000
4 MTPS 4		8,24,000
5 PHS		21,72,000
		9,24,000
		3,52,000
Tariff filing face f		2,78,080
9 Annual increasion	r1&D Existing System	17,600
Torist site for	s for T&D Existing system	67,28,466
Annual 1: The for	T&D New Elements System	67,28,466
RTDC A	s for T&D New Elements System	3,16,082
CTD0 7 0 0		3,16,082
T		22,00,000
		22,00,000
		44,00,000
		44,00,000
		22,00,000
		44,00,000
		52,80,000
Inviscenteeous Petition of CTPS	n of CTPS 7&8	3.00.000
I otal		3,00,000
Everacion of 1		4,59,60,776
LAPIESSIUN OF INTERES!	Lowission of Interest (EOI) for Purchase of Solar & Non-solar Power	
SC.	SERC Parify Filing For a construction	
S No. Items	The second secon	
Annual License Fee fo	for FY 2021-22	Fees Amount (Rs.)
I rue-up Fee for FY 20	020-21	4,23,317
APK Petition Fees for	APK Petition Fees for FY 2021-22 and Tariff for FY 2022-23	5,00,000
rees for Approval of P	PSA for 200 MW-DVC & SECI	30,00,000
Tees for Approval of Pl	Tees for Approval of PPA for PoUA for 100 MW power from NTPC	3,00,000
I I OTAL LATIT Filing Fee	es related to JSERC	3,00,000
		45 22 247



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To

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

स्पीड पोस्ट द्वारा BY SPEED POS

कार्यालय प्रति OFFICE COPY

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

No. Coml / Tariff / JSERC Fees / 1650

Dt. 23/08/2021

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

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 Dist	tribution License	Fee for the Fi	: 2021-22	7885.99 MU	Rs. 7,88,599 /-
Less: Adius	tment towards t	ho owners			13. 7,00,399 /-
for the prev	rious periou (F.1	. 2016-17, F.Y.	ment of Annual 2017-18 & F.Y. 2	Distribution License Fee 2018-19): (-)3,56,282/-	(-) Rs. 3,56,282 /-
Г I	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		
2018-19	12424.91	10247.22	(-) 2177.69	(-) 71448	
Total		10211.22	(-) 21/7.09	(-) 217769	
		1		(-) 356282	
let Payable	amount as Ann	ual Distributio	n License Fee fo	r the FY: 2021-22 after	De 4.22 ptp /
ajustment	against excess n	aumont dust		and the collect after	Rs. 4,32,317 /-

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

Enclo: As above.

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



Chief Engineer (Commercial)

Yours faithfully,

झारखंड राज्य विद्युत नियामक आयोग (2" तल्ला, राजेन्द्र जवान भवन-सह-सैनिक बाज़ार, मेन रोड, राँची-834001) JHARKHAND STATE ELECTRICITY REGULATORY COMMISSION (2nd Floor, Rajendra Jawan Bhawan-cum-Sainik Bazar, Main Road, Ranchi-834001) 1258 Kolkala rc D Received from Lath toring Two thousan e hung A sum of Rs. (Rupees For and Seventeen only. On account of ATTOMAL Wenterfore - 2021-22 (Add Atment towards 1 Ke = x Ceros Pay 32,314 5 Officer Reg RPGS bolth

37



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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

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

Thanking You,

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

Yours faithfully.

(Sandip Pal) Chief Engineer (Commercial)



288 झारखंड राज्य विद्युत नियामक आयोग - (2["] तल्ला, राजेन्द्र जवान भवन-सह-सैनिक खाज़ार, मेन रोड, राँची-834001). JHARKHAND STATE ELECTRICITY REGULATORY COMMISSION -(2nd Floor, Ratendra Jawan Bhewan-cum-Sainik Bazar, Main-Road, Ranchi-834001) Kolkala DVC Received from A sum of Rs. (Rupees Five Lakh Ordy On account of Petition fee for Fore-up for F/2000-24 5,00,000/ Officer Through RTGS di. 25/1/21



286 1143



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

Phone : 033-23557931/6041

No. Coml./Tariff/JSERC/ 2466

Fax: 033-2355 2129

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

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

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.

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

Thanking You,

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

Yours faithfully,

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

287/142 झारखंड राज्य विद्युत नियामक आयोग (2" तल्ला, राजेन्द्र जवान भवन-सह-सैनिक खाज़ार, मेन रोड, राँची-834001) JHARKHAND STATE ELECTRICITY REGULATORY COMMISSION 1269 Ra DVC Received from Sity lakhonk A sum of Rs. (Rupees tion for for APR - 2021-22 a On account of 2022 30,00,000 Office Receiving Through RT BJ #1. 26/11/21



DUC

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

Sa. d.p. f.L

The affect of the Constant Control Con

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



Page 15

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

No. Coml / Tariff/Copy Service/3282

Dated- 25.02.2022

То

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

उप मध्या अभितः गता) Dy.Chief Engineer (Comml.) बाणिजाक प्रयाग Commt Dept राधानि , कोल-54/DVC, Kol-54 Yours faithfully,

Handel

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







झारखंड राज्य विद्युत नियामक आयोग (2^ण तल्ला, राजेन्द्र जवान भवन सह-सैनिक बाजार, मेन रोड, राँची-834001) (2nd Floor, Rajendra Jawan Bhawan-cum-Sainik Bazar, Main Road, Ranchi-834001) JHARKHAND STATE ELECTRICITY REGULATORY COMMISSION DVC, Korkoli Received from A sum of Rs. (Rupees Phree/akh on) On account of Petition fee CPSA betwan over and seed 3 3,00,000 Officer UTRNO. SOLN 42204901795401, 1812/22 झारखंड राज्य विद्युत नियामक आयोग (2^ग तल्ला, राजेन्द्र जवान भवन सह सैनिक बाज़ार, मेन रोड, राँची-834001)_ JHARKHAND STATE ELECTRICITY REGULATORY COMMISSION (2nd Floor, Rajendra Jawan Bhawan-cum-Sainik Bazar, Main Road, Ranchi-834001) Received from ... DVC, Ko/Ka/a A sum of Rs. (Rupees Three takh only On account of Petition fee (PUA between DVC and NT 3,00,000/2 Rea UTRNO. SBEN 322054707665 4.29002



			(136
	Fee Acknowledgement Counterfoil (Office Copy)		
		Transaction Id.: PayU Id. : Status:	3aa53e5218bfee9e45e 13078268785 success
Received From :	DAMODAR VALLEY CORPORATION (DVC)		
The Sum of Rs. :	924000		
Fee Туре	Annual Fees for Determination of Dated : Tariff Generating Station(GT) (BTPS - 3)	31-May-2021 8:14	pm
Fee Mode	NEFTRTGS		

291

13-Dec-2022 10:32 am

_)				1135
	Fee Acknowledgem Counterfoil (Office Copy	ent		
			Transaction Id.: PayU Id. : Status:	5a70da40c5ba6b3a 13078643075 success
Received From :	DAMODAR VALLEY CORPORATION	(DVC)		
The Sum of Rs. :	924000			
Fee Туре	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
	Fee Acknowledgement		134
	Counterfoil (Office Copy)		
		Transaction Id.: PayU Id. : Status:	ea017029f44f20bfffa 13078558833 success
Received From :	DAMODAR VALLEY CORPORATION (DVC)		
The Sum of Rs. :	924000		
Fee Туре	Annual Fees for Determination of Dated : Tariff Generating Station(GT) (MTPS-4)	31-May-2021 8:14 p	om
Fee Mode	NEFTRTGS		

13-Dec-2022 10:41 am



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 Dated : 31-May-2021 8:14 pm Tariff Generating Station(GT) (MTPS 1-3) Fee Mode NEFTRTGS

13-Dec-2022 10:44 am



			13-
	Fee Acknowledgemen Counterfoil (Office Copy)	t	
		Transaction Id.: PayU Id. : Status:	903c9fa499b3293d€ 13078670033 success
Received From :	DAMODAR VALLEY CORPORATION (D	DVC)	
The Sum of Rs. :	2200000		
Fee Type	Annual Fees for Determination of Date Tariff Generating Station(GT) (MTPS 546)	ated : 31-May-2021 8:14	4 pm
Fee Mode	NEFTRTGS		



295

13-Dec-2022 10:44 am

298 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 31-May-2021 8:14 pm Dated : Tariff Generating Station(GT) MTPS748

Fee Mode

NEFTRTGS



13-Dec-2022 10:44 am

29: Fee Acknowledgement Counterfoil (Office Copy) Transaction Id.: 2f908b5d0adede4afi PayU Id. : 13078504435 Status: success Received From : DAMODAR VALLEY CORPORATION (DVC) The Sum of Rs. : 2200000 Fee Type Annual Fees for Determination of 31-May-2021 8:14 pm Dated : Tariff Generating Station(GT) CTPS 7(8) Fee Mode NEFTRTGS

13-Dec-2022 10:40 am



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 Dated : 31-May-2021 8:14 pm Tariff Generating Station(GT) (DSTPS 1 f2) Fee Mode NEFTRTGS

13-Dec-2022 10:41 am



<u>с</u>)			1128
	Fee Acknowledgement Counterfoil (Office Copy)	t	
		Transaction Id.: PayU Id. : Status:	509f23f254f3ebd00f 13078532489 success
Received From :	DAMODAR VALLEY CORPORATION (DV	′C)	
The Sum of Rs. :	4400000		
Fee Туре	Annual Fees for Determination of Date Tariff Generating Station(GT) $(KTPS 1 4 2)$	ed : 31-May-2021 8:14	om
Fee Mode	NEFTRTGS		



29°

13-Dec-2022 10:40 am

		(127
Fee Acknowledgement Counterfoil (Office Copy)		
	Transaction Id.: PayU Id. : Status:	bbfcc62a3641f3628ct 13078454013 success
DAMODAR VALLEY CORPORATION (DVC)		
2200000		
Annual Fees for Determination of $Dated :$ Tariff Generating Station(GT) (BTPS - A)	31-May-2021 8:14	pm
NEFTRTGS		
	Counterfoil (Office Copy) DAMODAR VALLEY CORPORATION (DVC) 2200000 Annual Fees for Determination of Dated : Tariff Generating Station(GT) (BTPS - A)	Counterfoil (Office Copy) Transaction Id.: PayU Id. : Status: DAMODAR VALLEY CORPORATION (DVC) 2200000 Annual Fees for Determination of Dated : 31-May-2021 8:14 Tariff Generating Station(GT) ($BTPS - A$)

ALL PARTY AND AL

300

13-Dec-2022 10:40 am

	Fee Acknowledgement Counterfoil (Office Copy)		
		Transaction Id.: PayU Id. : Status:	8e2fa7e9ba9ccdcaf 13078774953 success
Received From :	DAMODAR VALLEY CORPORATION (DVC	:)	
The Sum of Rs. :	5280000		
Fee Туре	Annual Fees for Determination of Date Tariff Generating Station(GT) (RTPS I-2)	d : 31-May-2021 8:14	pm
Fee Mode	NEFTRTGS		



30

13-Dec-2022 10:45 am

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 Dated : 31-May-2021 8:14 pm Tariff Generating Station(GT) (MHS) Fee Mode NEFTRTGS

r)			(124
	Fee Acknowledgement Counterfoil (Office Copy)		
		Transaction Id.: PayU Id. : Status:	2707244a843f4623c 13078740399 success
Received From :	DAMODAR VALLEY CORPORATION (DVC)		
The Sum of Rs. :	352000		
Fee Туре	Annual Fees for Determination of $Dated :$ Tariff Generating Station(GT) (PHS)	31-May-2021 8:14	pm
Fee Mode	NEFTRTGS		

13-Dec-2022 10:45 am



	Fee Acknowledgem Counterfoil (Office Copy	ent		LE
			Transaction Id.: PayU Id. : Status:	4760f59a6c04d53d2 13078800571 success
Received From :	DAMODAR VALLEY CORPORATION	(DVC)		
The Sum of Rs. :	17600			
Fee Туре	Annual Fees for Determination of Tariff Generating Station(GT) (THS)	Dated :	31-May-2021 8:14 p	em
Fee Mode	NEFTRTGS			

13-Dec-2022 10:45 am



гЭ Ст			(122
	Fee Acknowledgement Counterfoil (Office Copy)		
. *		Transaction Id.: PayU Id. : Status:	0a2e32543c453d51(13078926441 success
Received From :	DAMODAR VALLEY CORPORATION (DVC)		
The Sum of Rs. :	316082		
Fee Туре	Annual License Fee for Inter-State Transmission System (Operational) (T 41 New Elements)	31-May-2021 8:14 p	om
Fee Mode	NEFTRTGS		

13-Dec-2022 10:47 am



303

	Fee Acknowledgement Counterfoil (Office Copy)		
		Transaction Id.: PayU Id. : Status:	1adf2ca6de6185b1(13079015249 success
Received From :	DAMODAR VALLEY CORPORATION (DVC)		
The Sum of Rs. :	316082		
Fee Туре	Annual Fees for Determination of Dated : Tariff of Inter-State Transmission Assets(TT) (Tfb New Elements)	31-May-2021 8:14	pm _.
Fee Mode	NEFTRTGS		

ALL.

306

13-Dec-2022 10:47 am

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 Dated : 31-May-2021 8:14 pm Tariff of Inter-State Transmission Assets(TT) TFD Exofin Fee Mode NEFTRTGS



13-Dec-2022 10:47 am

0			(119
	Fee Acknowledgement Counterfoil (Office Copy)	11	
		Transaction Id.: PayU Id. : Status:	66f3b1189a542894s 13078949863 success
Received From :	DAMODAR VALLEY CORPORATION (DVC)		
The Sum of Rs. :	6728466		
Fee Type	Annual License Fee for Inter-State Dated : Transmission System (Operational) (TfD Existing)	31-May-2021 8:14 p	Im
Fee Mode	NEFTRTGS		

13-Dec-2022 10:47 am



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

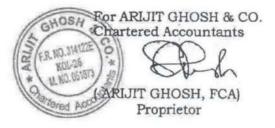
We have audited Fuel Data against Order No. Comml/Fuel Data/2021-22/1336 dtd. 24.11.2022 in respect of All Thermal Power Station i.e. BTPS, CTPS, DSTPS, DTPS, KTPS, MTPS and RTPS for the period from April, 2021 to March, 2022 audit has been conducted and report as below :-

- 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





UDIN : 220516738FBZVE 3665.

DAMODAR VALLEY CORPORATION

March'22 50943.48 2369.287 2374.1 4315.1 3691.39 9626.11 5.75 94.25 4.813 202.68 205.23 217.8 0.5 0.55 2.55 February 50948.41 3658.83 4235.55 9625.88 2369.287 2374.1 204.67 207.22 94.25 4.813 ANNEXURE - 1 5.75 219.9 0.56 2.55 0.5 3679.82 50552.29 4096.66 January 9625.62 2369.287 2374.1 94.25 215.35 5.75 4.813 212.82 0.58 228.5 0.5 2.26 September October November December 45164.98 2374.1 2369.183 3559.68 4032.33 94.25 9834,54 209.15 5.75 211.41 4.917 224.3 0.5 2.26 0.59 45164.98 2369.183 2374.1 3660.08 9834.54 4216.27 94.25 5.75 205.67 207.92 220.6 0.5 0.56 4.917 2.26 Energy Charges Monthwise Summary Sheet for site BTPS-A. 45170.06 2369.183 2374.1 3737.28 4115.35 9834.23 94.25 215.15 5.75 4.917 217.41 230.7 0.5 2.26 0.58 Value 3689.86 2369.183 2374.1 4043.03 45173.7 94.25 216.22 218.48 5.75 9834 4.917 231.8 0.5 0.59 2.26 August 2374.1 3732.83 3916.22 45176.6 2369.183 94.25 225.82 228.08 5.75 4.917 9834 0.5 0.61 2.26 242 45179.32 2369.183 3774.38 2374.1 4178.37 9833.66 5.75 94.25 216.27 4.917 214.01 229.5 July 0.5 0.57 2.26 44497.31 2369.184 3760.34 2374.1 4240.34 June 94.25 9831.31 4.916 210.10 212.32 5.75 0.5 0.56 225.3 2.23 44497.31 2369.184 3802.77 9831.31 2374.1 94.25 5.75 4.916 212.24 May 210.01 4290 0.5 225.2 0.55 2.23 4349.08 44613.89 2369.184 April'21 2374.1 3907.87 9831.31 94.25 4.916 5.75 212.88 215.11 0.5 0.55 228.2 2.23 (Paise/Kwh) (Paise/Kwh) (Paise/Kwh) (Paise/Kwh) Kcal/Kwh ml/kwh Kcal/Kwh Kcal/KG Kcal/Kwh Rs/MT Kcal/Lht Rs/KI Kg/Kwh Unit * 8 *Sp. Fuel Oil (SFCn)- Normative 14 Total Energy Ch.at power Stn. Rate of Energy Ch. from Coal 10 Heat Contribution from Coal Heat Contribution from Oil Rate of Energy Ch. from Oil Specific Coal Consumption Energy Charges at DVC Bus 4 *Gross stn.h.rate (sHRn) Particulars Price of Coal (LPPF) GCV of Coal (CVPF) Price of Oil (LPSH) GCV of Oil (CVSF) *Aux.Con (Acn) 100 Acn No. ŝ ~ 80 11 m 12 -2 9 6 15 SI. 13





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ANNEXURE- II

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SI.	Particulars	Unit						Va	Value					
No.			April'21	Мау	June	July	August	September	October	November	December	January	February	March'22
=	*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
m	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	2369.17	2369.17	2369.17	2369.17	2369.17	2369.17	2369.17	2369.17	2369.17	2369.17	2369.17	2369.17
2	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
9	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/KI	45555.62	46163.15	46868.92	48582.68	48588.49	48581.81	48610.22	48742.03	49523.1	49583.93	50257.57	58771.22
00	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
6	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	(Palse/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	(Paice/Kwh)	263.7	2 KA 5	766	7681	C CLC	274 4	1 ELC	274 5	0 990	265.8	2595	350.0





ANNEXUR- III

DAMODAR VALLEY CORPORATION

ſ			and the set						the sub-track					
SI.	Particulars	Unit						Va	Value					
No.			April'21	May	June	July	August	September	October	November	December	January	February	March'77
-	*Sp. Fuel Oil (SFCn)- Normative	ml/kwh	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	-	05	2.0	00
N	*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	S TE
3	100 Acn	%	94.25	94.25	94.25	94.25	94.25	94.25	94.25	94.25	36.49	24.75	SC PD	36.00
4	"Gross stn.h.rate (sHRn)	Kcal/Kwh	2374.1	2374.1	2374.1	2374.1	2374.1	2374.1	2374.1	1 9787	1 1/20	F VLEC	1 1220	- 1660
s	Price of Coal (LPPF)	Rs/MT	3850.32	3761.95	3997.97	4082.04	4094.12	4064.75	4124.87	3870.10	at anna	ADIC ET	110010	1.9/62
9	GCV of Coal (CVPF)	Kcal/KG	3914.45	3785.28	3749.6	3750.01	3792.76	3762.35	3769	2608 3	301013	07 5305	CT'ODT4	4003.03
-	Price of Oil (LPSFI)	Rs/KI	41037.02	41429.92	41429.92	41946.16	41997.04	51112.21	51205 17	5121676	01 05013	10 00 01 13	CO.CTUP	00.0004
8	GCV of OII (CVSF)	Kcal/Lit	10378.35	10374.66	10375.37	10371	10371.05	10386.01	10202 12	CL LOCUL	CT-CCTC	10.64710	00.1/210	97.66710
9	Heat Contribution from Oil	Kcal/Kwh	5.189	5 187	5 188	2106	2012	14-00CAY	CT*COCNT	C/.70CDT	96.18501	103/9.88	105/8.88	10378
10 1	Heat Contribution from Coal	Kral /Kuth	CF0 03CC 110 03CC	C+0 0360		DOTIC	DOT'C	CETIC	757.0	2.191	5.191	5.19	5.189	5.189
-		times firmes	TTEODET	CTE:00C7	716'9057	2308.912	2368.914	2368.907	2368.908	2368.909	2368,909	2398.91	2368911	2368.91
	spectric 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	738 835
13 8	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	256	7.56	7 57
14 1	Total Energy Ch.at power Stn.	(Palse/Kwh)	235.06	237.50	254.65	259.96	257.81	258.49	261.82	256.65	244.87	243.16	248.56	UV LVC
15 E	Energy Charges at DVC Bus	(Paise/Kwh)	249.4	252	COLC	375.9	3736	CALC	0 444					DUTLA





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ANNEXURE- IV

DAMODAR VALLEY CORPORATION

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			En	Fnerøv Charl	The Month	hurisa Sum	anary She	Charges Monthwise Summary Sheet for site DSTDS(1.2)	C-1/SdTS					
			5						-Thesier					
st.	Particulars	Unit						Va	Value					
No.			April'21	Мау	June	ylut	August	September	October	November	December	January	February	March'22
-	*5p. 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)	%	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
ŝ	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
9	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/KI	41731.52	41728.04	41716.22	41710.89	41683.84	41681.5	41573.89	56179.25	56178.02	56161.95	56143.94	56140.52
80	GCV of Oll (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
6	Heat Contribution from Oil	Kcal/Kwh	5.134	5.134	5.134	5.134	5,133	5.133	5.132	S.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	(Palse/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





NNEXURE- V

Farty Charges Monthwise Summary Sheet for site MTPS (1-4). Particulars Unit Value *Particulars Unit April'21 May June July August September October November December *Pa, Fuel OI[\$FC0]. Normative m//whih 0.5 <													ANNE	ANNEXURE- V	
Particulars Unit April'21 May June July August September October November December *Se. Fuel Oli (SrCn)- Normative m//wih 0.5 0.				Ш	tergy Cha	rges Mont	thwise Sur	mmary Sh	eet for site	MTPS (1-	t).				
· April'21 May June July August September October November December 'Sp. Fuel Oil (SFCh'-Normative m//kwh 0.5	SI.	_	Unit						Va	lue			1.1		
Yep. Fuel OII (SFCn). Normative m//wuh 0.5 <	9	-	_	April'21	May	June	ylut	August	September	October	November	-	-	Enhance.	and down in
*Aux.Con (arr) % 9.8 9.3 9.3 9.3 9.73 <	H		_	0.5	0.5	0.5	0.5	0.5	50	20	20	_		Aippinga	IMARCH 22
100 Act % 90.2 <th< td=""><td>N</td><td></td><td>%</td><td>9.8</td><td>9.8</td><td>9.8</td><td>0.8</td><td>0.0</td><td>000</td><td>0.0</td><td></td><td>Cin</td><td>50</td><td>0.5</td><td>0.5</td></th<>	N		%	9.8	9.8	9.8	0.8	0.0	000	0.0		Cin	50	0.5	0.5
model 90.2 <t< td=""><td>m</td><td>100 Acn</td><td>10</td><td></td><td></td><td>222</td><td>0.6</td><td>0.5</td><td>2.2</td><td>9.8</td><td>9.8</td><td>9.8</td><td>9.8</td><td>9.8</td><td>9.8</td></t<>	m	100 Acn	10			222	0.6	0.5	2.2	9.8	9.8	9.8	9.8	9.8	9.8
Terroes struhrate (sHRn) Kcal/Kwh 2430	а.	inc. one	8	2.06	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	6.09	C 06	C UD
Price of Coal (LPFr) Rs/MT 4117.7 4018.79 338.35.31 4011.5 4017.47 4119.68 4083.66 4472.13 GCV of Coal (LPFr) Kcal/KG 3720.6 3639.01 3505.08 3386.37 336.405 3387.75 337.75 337.75 3735.87 Price of Oil (LP5ri) Kcal/KH 3720.6 3639.01 3505.08 3386.37 336.405 3387.75 337.75 3735.87 Price of Oil (LP5ri) Kcal/LH 100000	-	*Gross stn.h.rate (sHRn)	Kcal/Kwh	2430	2430	2430	2430	2430	2430	UEPC	UEVC	UCAC	Arer -	4.00	2.00
GCV of Coal (CVPF) Kcal/KG 3720.6 3639.01 3505.08 3386.37 44855.71 4115.08 4085.56 4175.15 337.71 4415.71 4415.71 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 100000 10000 100000 <t< td=""><td></td><td>Price of Coal (LPPF)</td><td>Rs/MT</td><td>4117.7</td><td>4018.79</td><td>3938.21</td><td>3873.51</td><td>AD11 5</td><td>74 T 804</td><td>1440.00</td><td>10043</td><td>0047</td><td>2430</td><td>2430</td><td>2430</td></t<>		Price of Coal (LPPF)	Rs/MT	4117.7	4018.79	3938.21	3873.51	AD11 5	74 T 804	1440.00	10043	0047	2430	2430	2430
Price of Oil (UPSFI) Number of Oil (UPSFI) Number of Oil (UPSFI) 387.175 3385.37 3365.37 3365.37 3365.37 3387.44 3400.75 3387.75 3373.35 GCV of Oil (UPSFI) Rs/Ki 39415.03 39414.92 39414.92 39414.92 39414.92 39414.92 39414.92 39414.92 39414.92 39414.92 39414.92 39414.92 39414.92 39414.91 4855.78 4855.71 4855.71 4855.76 4855.65 51714.11 GCV of Oil (CVF) Kcal/Kwh 5 </td <td></td> <td>GCV of Coal (CVPF)</td> <td>Kral/KG</td> <td>3 0646</td> <td>10.00</td> <td></td> <td>1100.000</td> <td>CITENT</td> <td>14-1704</td> <td>90'STT5</td> <td>4083.66</td> <td>4472.13</td> <td>4285.24</td> <td>4331.57</td> <td>4443.06</td>		GCV of Coal (CVPF)	Kral/KG	3 0646	10.00		1100.000	CITENT	14-1704	90'STT5	4083.66	4472.13	4285.24	4331.57	4443.06
Price of Oil (UPSF) Rs/Ki 39415.03 39414.92 39414.94 44855.71 44855.71 44855.71 44855.65 51714.11 GCV of Oil (CVF) Kcal/Kwh 39415.03 39414.92 39414.92 39414.92 39414.92 39414.92 39414.92 39414.94 44855.71 44855.64 44855.66 51714.11 Heat Contribution from Oil Kcal/Kwh 5<	1.		DU JIBOU	0.02/0	10.8505	3505.08	3386.37	3364.05	3383.44	3400.75	3387.75	3735.87	3593.88	3605.06	3593.15
GCV of Oil (CV5F) Kcal/Lit 10000 </td <td></td> <td>Price of Oil (LPSH)</td> <td>Rs/KI</td> <td>39415.03</td> <td>39414.92</td> <td>39414.94</td> <td>44855.7</td> <td>44855.78</td> <td>44855.71</td> <td>44855 64</td> <td>44855 66</td> <td>51714 11</td> <td>E171A 11</td> <td>E4744.24</td> <td></td>		Price of Oil (LPSH)	Rs/KI	39415.03	39414.92	39414.94	44855.7	44855.78	44855.71	44855 64	44855 66	51714 11	E171A 11	E4744.24	
Heat Contribution from Oil Kcal/Kwh 5		GCV of OII (CVSF)	Kcal/Lit	10000	10000	10000	10000	10000	1000		por contra	TTINTITO	TT'NT/TC	TS'ATITC	95.59225
Heat Contribution from Coal Kcal/Kwh 5		Heat Contribution from Oil	Went Print	1			PONOT.	DODOT	TOOOD	10000	10000	10000	10000	10000	10000
Heat Contribution from Goal Kcal/Kwh 2425 250.29 2425 250.29 244 254 2.24 2.524	1		LINN IN MUL	2	2	S	5	ŝ	S	S	5	5	5	u	
Specific Coal Consumption Kg/Kwh 0.65 0.67 0.69 0.72 0.72 0.71 0.72 0.65 Rate of Energy Ch. from Coal (Palse/Kwh) 263.38 267.81 277.38 289.17 287.94 293.77 293.31 290.29 Rate of Energy Ch. from Coal (Palse/Kwh) 2.67.81 2.77.38 289.17 287.94 293.77 293.31 290.29 Rate of Energy Ch. from Coal (Palse/Kwh) 1.97 1.97 1.97 2.24 2.54 2.59 Total Energy Ch. at power Stn. (Palse/Kwh) 270.35 269.78 274.44 279.63 291.42 296.01 294.56 259.88 Total Energy Charges at DVC Bus (Palse/Kwh) 299.1 304.3 310 323.1 321.7 328.2 256.6 324.7	-1	Heat Contribution from Coal	Kcal/Kwh	2425	2425	2425	2425	2425	2425	2425	3475	JANE	JANE	2000	-
Rate of Energy Ch. from Coal (Palse/Kwh) 268.38 267.81 277.38 289.17 287.94 293.77 293.77 293.31 290.29 Rate of Energy Ch. from Oil (Palse/Kwh) 1.97 1.97 1.97 2.24 2.24 2.24 2.24 2.24 2.59 Total Energy Ch. and Oil (Palse/Kwh) 2.97.7 1.97 1.97 2.24 2.24 2.24 2.59 Total Energy Ch. and Oil (Palse/Kwh) 2.70.35 269.78 274.44 279.63 291.42 296.01 294.56 292.88 Energy Charges at DVC Bus (Palse/Kwh) 299.7 299.1 304.3 310 323.1 321.7 328.2 326.6 324.7	- I	Specific Coal Consumption	Kg/Kwh	0.65	0.67	0.69	0.72	0.77	073	121	0.70	Acres	1747	1747	C767
Rate of Energy Ch. from Oil (Palse/Kwh) 1.97 1.97 2.24 2.24 2.24 2.24 2.35 259 259 259 259 259 259 259 259 259 259 250 250 294.56 292.88 266.01 294.56 292.88 266.01 294.56 292.88 266.01 294.56 292.88 267.7 256.6 232.7 236.7	~	Rate of Energy Ch. from Coal	(Palse/Kwh)	268.38	267.81	272.47	277.38	289.17	787 94	703 77	100 24	00.00	0.08	19.0	0.68
Total Energy Charges at DVC Bus (Paise/Kwh) 270.35 269.78 274.44 279.63 291.42 290.19 296.01 294.56 292.88 Energy Charges at DVC Bus (Paise/Kwh) 299.7 304.3 310 323.1 321.7 328.2 326.6 324.7	-1	Rate of Energy Ch. from Oil	(Paise/Kwh)	1.97	1.97	1.97	2.24	VC C	AC C	11000	10.363	67.067	CT'607	15.142	299.86
Energy Charges at DVC Bus (Paise/Kwh) 299.7 299.1 304.3 310 323.1 321.7 328.2 326.6 324.7	-	Total Energy Ch.at power Stn.	(Paise/Kwh)	270.35	269.78	274.44	279.62	CA 10C	100 10	47.7	47.7	65.2	2.59	2.59	2.61
233.1 321.7 328.2 326.6 324.7		Energy Charges at DVC Bus	[Dalea/Wurh]	5005				THITCH	AT'DEZ	10.022	294,56	292.88	291.74	293.96	302.47
			(LIMN /Seis J)	1.662	T'667	304.3	310	323.1	321.7	328.2	326.6	324.7	323.4	325.9	335.2





ANNEXURE- VI

Farticulars Image Character Monthwise Summary Sheet for site MTPS (5-6). Particulars Unit April 7.1 Movembe for site MTPS (5-6). Particulars Unit April 7.1 Movembe for site MTPS (5-6). April 7.1 Movembe for site MTPS (5-6). April 7.1 Movembe for colober Novembe Novembe for colober </th <th></th> <th>ANNEX</th> <th>ANNEXURE- VI</th> <th></th>													ANNEX	ANNEXURE- VI	
Particulars Unit May June July August September October Nowember December January "sp. rel Ol(SFCn)- Normative m///whh 0.5 </th <th></th> <th></th> <th></th> <th>Ē</th> <th>iergy Chai</th> <th>rges Mont</th> <th>hwise Sur</th> <th>nmary She</th> <th>eet for site</th> <th>MTPS (5-(</th> <th>5).</th> <th></th> <th></th> <th></th> <th></th>				Ē	iergy Chai	rges Mont	hwise Sur	nmary She	eet for site	MTPS (5-(5).				
April 21 May June July August September October Nowember December January *Sp. fuel Cil (SFCn)-Normative m/l/kwh 0.5 <th>SI.</th> <th></th> <th>Unit</th> <th></th> <th></th> <th></th> <th>7</th> <th></th> <th>Va</th> <th>lue</th> <th></th> <th></th> <th></th> <th></th> <th></th>	SI.		Unit				7		Va	lue					
*pp. tuel Oil (SFCh)- Normative ml/kwh 0.5 <	N			April'21	May	June	ylut	August	September	October	November		January	February	March'22
*ux.con (acn) % 9.8 9.3 9.2 90.2	-			0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
JOD Action % 90.2	N		%	9.8	9.8	9.8	9.8	9.8	9.8	9.8	9.8	9.8	9.8	9.8	9.8
* fGross stn.hrate (sHin) Kral/kwh 2430	m	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
Price of Coal (LPFF) Rs/MT 4025,4 3962.09 3845.79 3827.23 3773.4 3855.66 3959.86 4028.08 4088 4040.4 CV of Coal (LPFF) Kcal/KG 3707.55 3625.01 3508.69 3458.57 3472.15 3554.88 3648.74 3644.02 Price of Oil (LP5F) Kcal/KG 3707.55 3625.01 3508.69 34855.72 44855.57 3472.15 3554.88 3648.74 3644.02 Price of Oil (LP5F) Rs/M1 39414.66 39414.89 3475.712 44855.57 44855.57 51714.05 51714.05 51714.05 51714.21 Price of Oil (LP5F) Kcal/LH 10000 10000 10000 10000 100000 10000 100000 <t< td=""><td>4</td><td>*Gross stn.h.rate (sHRn)</td><td>Kcal/Kwh</td><td>2430</td><td>2430</td><td>2430</td><td>2430</td><td>2430</td><td>2430</td><td>2430</td><td>2430</td><td>2430</td><td>2430</td><td>2430</td><td>2430</td></t<>	4	*Gross stn.h.rate (sHRn)	Kcal/Kwh	2430	2430	2430	2430	2430	2430	2430	2430	2430	2430	2430	2430
CCV 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 Price of Oil (IPSFI) Rs/KI 39414.68 39414.36 39414.89 44855.72 44855.52 44855.72 44855.67 51714.05 5174.23 RCV of Oil (CVSF) Kcal/Kwh 5	5	Price of Coal (LPPF)	Rs/MT	4025.4	3962.09	3846.79	3827.23	3773.4	3865.66	3959.86	4028.08	4088	4040.4	4242.68	4455.3
Price of Oil (IPSFI) Rs/Kd 39414.68 39414.36 39414.86 39414.86 39414.86 39414.86 39414.86 39414.86 39414.86 314855.72 44855.58 44855.56 51714.05 51714.05 51714.31 GCV of Oil (CVSF) kcal/Lit 10000	9	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
GCV of Oil (CVSF) Kcal/lit 10000 </td <td>~</td> <td>Price of Oil (LPSFI)</td> <td>Rs/KI</td> <td>39414.68</td> <td>39414.96</td> <td>39414.89</td> <td>44855.72</td> <td>44855.74</td> <td>44855.58</td> <td>44855.72</td> <td>44855.67</td> <td>51714.05</td> <td>51714.21</td> <td>51714.07</td> <td>52243.46</td>	~	Price of Oil (LPSFI)	Rs/KI	39414.68	39414.96	39414.89	44855.72	44855.74	44855.58	44855.72	44855.67	51714.05	51714.21	51714.07	52243.46
Heat Contribution from Oil Kcal/Kwh 5 <	8	GCV of Oil (CVSF)	Kcal/Lit	10000	10000	10000	10000	10000	10000	10000	10000	10000	10000	10000	10000
Heat Contribution from Coal Kcal/Kwh 2425 27.05 27.05	6	Heat Contribution from Oil	Kcal/Kwh	s	5	s	5	5	5	2	5	5	5	5	5
Specific Coal Consumption Kg/Kwh 0.65 0.67 0.69 0.70 0.72 0.70 0.68 0.67 0.67 0.67 Rate of Energy Ch. from Coal (Palse/Kwh) 263.29 265.05 265.05 265.32 272.81 277.03 276.56 274.78 271.69 268.88 Rate of Energy Ch. from Coal (Palse/Kwh) 1.97 1.97 1.97 2.24 2.24 2.24 2.24 2.24 2.24 2.24 2.24 2.59 2.59 Total Energy Ch. at power Stn. (Palse/Kwh) 2.67.02 267.84 270.56 279.28 279.28 279.28 279.24 2.59 2.59 Total Energy Ch. at power Stn. (Palse/Kwh) 2.67.02 267.84 270.56 279.28 279.28 279.28 274.28 271.46 2.59 Total Energy Ch. at power Stn. (Palse/Kwh) 2.96.9 300.69 309.6 309.1 307.1 304.1 304.1 304.1 304.1 304.1 304.1 304.1 304.1 304.1	2		Kcal/Kwh	2425	2425	2425	2425	2425	2425	2425	2425	2425	2425	2425	2425
Rate of Energy Ch. from Coal (Palse/Kwh) 263.29 265.87 268.32 271.03 276.56 274.78 271.69 268.88 Rate of Energy Ch. from Oil (Palse/Kwh) 1.97 1.97 1.97 2.24 2.24 2.24 2.24 2.24 2.24 2.24 2.24 2.59 2.59 2.59 Total Energy Ch. at power Stn. (Paise/Kwh) 2.55.26 267.02 267.84 270.56 279.28 277.02 274.28 2.59 2.59 2.59 Total Energy Ch.at power Stn. (Paise/Kwh) 2.67.02 267.84 270.56 279.28 277.02 274.28 271.46 Total Energy Ch.at power Stn. (Paise/Kwh) 2.94.1 296.9 300.56 309.6 309.1 307.1 304.1	=	_	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
Rate of Energy Ch. from Oil (Paise/Kwhi) 1.97 1.97 2.24 2.59 2.59 2.59 2.59 2.59 2.59 2.59 2.59 2.50 2.59 2.74.58 2.71.46 2.74.58 2.71.46 2.74.58 2.71.46 2.74.58 2.71.46 2.74.58 2.74.58 2.74.58 2.71.46 2.64 2.04.1	2		(Palse/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
Total Energy Ch.at power Stn. (Paise/Kwh) 265.26 267.02 267.84 270.56 275.05 279.28 277.02 274.28 271.46 Energy Charges at DVC Bus (Paise/Kwh) 294.1 296.9 300 304.9 309.6 309.1 307.1 304.1 301	2		(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
Energy Charges at DVC Bus (Paise/Kwh) 294.1 296.9 300 304.9 309.6 307.1 304.1 301	4	-	(Paise/Kwh)	265.26	267.02	267.84	270.56	275.05	279.28	278.81	277.02	274.28	271.46	281.55	289.69
	50		(Paise/Kwh)	294.1	296	296.9	300	304.9	309.6	309.1	307.1	304.1	301	312.1	321.2





			Energy	ov Charge	A number	The Country								
I				ey unarge	WINDHUM	mume asi	ary Sheet I	Charge Monthwise Summary Sheet for site of MTPS (7-8).	17PS (7-8					
SI.	Particulars	Unit						Value	di					
No.			April'21	Mau	luna	Table 1	-		5					
	"Cn Eucl Oll (CFC=1 at			Ania	aint	Ainr	August	September	October	November	November December	January	February	March'27
T	op. ruei Oil (orch)- Normative	ml/kwh	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0 EU	0 EA	0.0
N	"Aux.Con (Acn)	%	5.75	5.75	5.75	5.75	5 75	5.75	c 7c	C 75	200		ncin	000
m	100 Acn	%	36 49	OA 35	10.10				c/-c	c/*c	c/.c	51.5	5.75	5.75
4	"Groce eta h anta (autau)			C7:42	C7-46	34.25	94.25	94.25	94.25	94.25	94.25	94.25	94.25	94.25
Т	(וואוויז מונה איוויות בכה וה	Kcal/Kwh	2374.10	2374.10	2374.10	2374.10	2374.10	737410	OF ATEC	UT FLCC				
5	Price of Coal (LPPF)	Rs/MT	4075.04	3988.28	3942.20	3874 10	3074 67	DTILICY	01-4/07	01-4/67	73/4.10	23/4.10	2374.10	2374.10
9	GCV of Coal (CVPF)	Venture				01-+ 100	10.1100	C7.0125	4037.65	3893.08	4222.23	4119.63	4314.59	4348.69
Г		DV /IPNV	C4.51/5	3592,99	3514.13	3397.63	3369.01	3355.82	3439.79	3340.27	3661.82	3698 99	3670 67	200 2220
-	Price of Oil (LPSFI)	Rs/KI	39414.95	39415.06	39415.74	44855 81	AADEE 72	AADEE EE	ALL LAURE	_		ECOPAC	10.0100	67.0000
8	GCV of Oil (CVSF)	Kcal/Lit	10000 00	1000000	000001	-	7/ COOL	00.00000	44855.12	44855.76	51714.77	51714.15	51714.15	52242.91
0	Hast Contribution from Oil			nninnet.	nnnnnt	10000100	10000.00	10000.00	100000.00	10000.00	10000.00	10000.00	10000.00	10000.00
Т	Teat contribution from Oil	Kcal/Kwh	5.00	S.00	5.00	5.00	5.00	200	200	1 22	- 20			
10	Heat Contribution from Coal	Kcal/Kwh	2369.10	736910	11 0360	01 0300		2000	nic	00.0	00.0	2.00	5.00	2,00
11 5	Specific Coal Consumption	Kalumh	0.04		AT'COCY	01.2062	01.6952	2369.10	2369.10	2369.10	2369.10	2369.10	2369.10	2369.10
-		IIMNI ISN	0.04	0.66	0.67	0.70	0.70	0.71	0.69	0.71	0.65	0.64	D 64	N.FE
_	Kate of Energy Ch. from Coal	(Paise/Kwh)	259.98	262.97	265.77	270.13	272.25	276.48	278.00	276.13	TI CLC	act or		COTO
13	Rate of Energy Ch. from Oil	(Paise/Kwh)	1.97	1.97	1.97	VCC				ZTINIZ	17:017	69.502	98.117	283.77
14 1	Total Energy Ch.at power Stn.	(Paice/Kuth)	261.05	764.05		4.217	47.7	5.24	2.24	2.24	2.59	2.59	2.59	2.61
15	T	June from a	CETOT	CR.402	201.14	272.38	274.49	278.72	280.33	278.36	275.75	266.44	280.45	284.39
	Lineigy citatges at UVL Bus	(Paise/Kwh)	277.9	281.1	284.1	0 000	C 100					Ī		





ANNEXURE- VIII

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SI.	Particulars	Unit						Value	Ie					
No.			April'21	Way	June	July	August	September		October November December	December	January	February	March'22
ч	*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
m	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
ŝ	Price of Coal (LPPF)	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
9	GCV of Coal (CVPF)	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 (LPSFI)	Rs/KI	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 (CVSF)	Kcal/Lit	10320.18	10361.19	10374.74	10387.00	10395.00	10379.12	10404.77	10404.77 10408.00	10450.14	10447.90	10449.96	10450.00
6	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
1	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	(Daice/Kuhl	1 100	UFC		200.0	0000						0.000	





ANNEXURE- IX

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

SI. 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/Ki	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



ANNEXURE- X

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

	L											
SI. No.	Month/Year	BTPS (1-3)	CTPS (2-3)	DTPS (4)	MTPS (1-4)	ATDC /c. c/	A street in out					
1	TC, HARA	-			Internet	la-c) curini	(8-/) CAIM	DSTPS (1-2)	KTPS (1-2)	CTPS (7-8)	RTPS (1-2)	BTPS-A
1		0	0	0	299.70	294.10	00 CCC	00 026				
3	MAY'21	0	0				00000	×10.4V	243.40	263.70	294.10	228.20
•				2	01.662	296.00	281.10	292.30	252.00	264.50	310.10	235.30
n	TT ANOT	0	0	375.40	UC YUE	201.00					TAVIAU	07:277
*	PCIVIII				00100	720.30	284.10	279.80	270.20	266.00	302.70	22530
-	1011 21	0	0	375.50	310.00	200.00	100.00					
5	ALIGUETT21	~				nninne	202.00	298.90	275.80	268.10	306.90	229.50
	12 100001	0	0	0.00	323.10	204 90	00 200	~~~~~				
9	SEPTEMBER'21	-				neithe	07.767	783.20	273.50	272.20	313.00	242.00
		2	0	0.00	321.70	309.60	295 70	70C ON				
2	OCTOBER'21	0	0	00 170				00'007	4/4.30	2/4.40	306.70	231,80
	A DESCRIPTION OF A DESC			05%10	328.20	309.10	297.40	302.10	277.80	73 10	216 30	AT ACC
0	NUVEMBER 21	0	0	0.00	376.60	OF LUE				04.034	07-010	11.052
	DECEMBED'31				000000	OT'INE	295.30	286.70	272.30	274.50	312.30	220.60
,	DECENDEN 21	0	0	00.00	324.70	304 10	201 60					

224.30 228.50 219.90 217.80

301.80 314.90 300.80

266,90

259.80 258.00 263.70 256.10

295.50 295.40 312.20 313.30

292.60 282.70 297.60 301.70

304.10 301.00 312.10 321.20

324.70 323.40 325.90 335.30

00.00

0 0 0 0

401.20

0 0 •

FEBRUARY'22 JANUARY'22

11

10

MARCH'22

12

396.50 382.80

265.80 259.50 259.80

298.10





ANNEXURE-21



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

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)
	0705	177.83	388.00	6,899.83	4,597,59	11,497.41
1	DTPS			92,797.34	35,761.43	1,28,558.77
2	MTPS U# 1 to 3	2,902.36	319.73 318.53	41,746.63	14,040,13	55,786.76
3	MTPS U# 4	1,310.62		0.76	-	0.76
4	MTPS Solar PV	0.02	323.00	37567.0		1.06
5	KTPS Solar PV	0.03	416.00	1.08		
6	PHS			1,745.06	1,745.06	3,490 11
7	MHS	486.94	-	1,288.31	1,288.31	2,576.61
8	THS			492.64	492.64	985.2
9	T&D				51,524.16	51,524.16
10	SUB TOTAL (a)			1,44,971.63	1,09,449.30	2,54,420.9
) Reven	ue required for Power from MTPS 5,6 der dtd 28.02.2017), CTPS 7,8 (CERC or	(CERC order dated 16.0 der dtd 17.02.2017),RT	3.2017) , MTPS 7,8 (CERC PS 1&2 (CERC order dtd.	corder dtd 03.10.2016), 0 28.09.2017), BTPS 'A' (CE	STPS 1,2 (CERC order dtd 1 RC order dtd. 30.05.2018)	7.03.2017), KTP5 1,2
1	MTPS U# 5 & 6	2,271.70	304.44	69,159.65	34,635.75	1,03,795.3
	a second s	1,315.68	290.09	38,166.96	21,803.88	59,970.8
2	MTPS U# 7 & 8	219.66	267.13	5,867.98	3,377.77	9,245.7
3	CTPS U# 7 & 8				66,366.19	1.69.257.6
4	DSTPS U# 1 &2	3,497.37	294.20	1,02,891.41	5,479,86	13,552.3
5	KTPS U# 1 & 2	305.59	264.16	8,072.45		
6	BTPS 'A'	1,654.40	227.27	37,599.29	41,628.80	79,228.0
7	RTPS U#1 & 2	2,479.93	306.29	75,957.60	53,691.70	1,29,649.3
8	Incentive from CTPS 7&8	9		-	37,91	37.9
9	Incentive from KTPS 1&2	-	-	-	29.64	29.6
10	SUB TOTAL (b)			3,37,715.34	2,27,051.49	5,64,766.8
) POWE	R PURCHASE COST (Including Transmis	ision charges)				
	counce.	NET ENERGY	Total Rate	Energy Charge	Fixed Charge	Total Charges
SL. NO.	SOURCE	(MU)	(Paise/Kwh)	(in Rs. Lakh)	(in Rs. Lakh)	(in Rs. Lakh)
1	Rangit (NHPC)	31.73	424.70	625.35	722.31	1,347.6
2	Teesta (NHPC)	217.33	272.80 298.76	2,613.93 227.81	3,314.77 137.51	365.3
3 4	TSTPS (NTPC) FSTPS - I & II	12.23	280.70	1.79	-0.21	1.5
5	FSTPS - III		-	69.84	97.71	167.5
6	KhTPS-I		-	0.45	-0.08	0.3
7	KhTPS-II	-	-	-2 49	-0.14	-2.6
8	Chukha (PTC) Kurichu (PTC)	182.47 23.18	248.26 224.46	520.22		520.2
10	Tala (PTC)	148.44		3,313.71		3,313.7
11	MPL	994.15	450.41	26,463.93	18,313.58	44,777.5
12	KBUNL	80.85	506.26 901.38	2,226.30	1,867.10	24,742.8
13	Purchase from Exchange Unschedule Interchange (UI)	14.47	9,010.88	13,039.09		13,039.0
	Transmission & Related			20,000.00	15,010.24	15,010.2
15	Expenditure					10042500050
16	SubTotal (c)			78,372.81	39,462.80	1,17,835.6
	DVC (a+b+c)			5,61,059.78	3,75,963.59	9,37,023.3
	Interest on Temp Financial Acco	modation		27,608.29		27,608.2
	Non Tariff Income (NTI)			4,847.19	459.61	4,047.
	Tariff filling and publication exp			*	1,042.79	1,042.7
	Legal Charges & Consultancy Fe	CONTRACTOR OF CONTRACT		-	67.63	67.6
	Environmental Protection and O	ther Cess		367.92	07.00	367.5
	Gain sharing from UI export					
	s ARR DVC (d+e-f+g+h+i)			5,83,452.96	3,77,533.62	9,60,986.
11488 =	llocated in the state of Jharkhan		es)	2,65,489.77	1,71,789.88	4,37,279.
	D: Rebate and discount allowed to Cost of Solar Power & Solar & I		ased to meet the	5,338.70		5,338.
m) ADI n) ADD					45.00	45.3
m) ADI n) ADD solar R	PO in the state of Jharkhand					45.
m) ADD n) ADD solar R o) ADD	PO in the state of Jharkhand 1: Tariff filling fees, publication e		ıd		45.32	
m) ADD n) ADD solar R o) ADD p) ADD	PO in the state of Jharkhand Tariff filling fees, publication ex- therest on security deposit in	Iharkhand	d	•	1,005.87	1,005.
m) ADD n) ADD solar R o) ADD p) ADD q) ADD	PO in the state of Jharkhand D: Tariff filling fees, publication ex- D: Interest on security deposit in D: Interest on Working Capital (IV	Jharkhand VC) in Jharkhand	d	•	1,005.87 6,604.42	1,005.
m) ADD n) ADD solar R o) ADD p) ADD q) ADD r) Net /	PO in the state of Jharkhand Tariff filling fees, publication ex- therest on security deposit in	Jharkhand VC) in Jharkhand +l+m+n+o+p+q)			1,005.87	1,005.

Statement of Revenue (2021-22)

Item	63	Amount (In Rs. Crs.)
ARR allocated in the state of Jharkhand	(All and a second	4,620.56
Revenue billed in Jharkhand (As per Audited Annual Accounts)	147	3511.26
FPPPA Billed in FY 2021-22	E (OK E	14.34
Revenue Realized in Jharkhand	121/201/201	3358.23

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

		FY 2021-22 NET EX-BUS GEN (MU) Actual	
Station	INSTALLED CAPACITY (MW)		
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)

	INSTALLED CAPACITY	2021-22 Actual	
Station	(in MW)		
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	2021-22	
	(MW)	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	



SOURCE	Allocation to DVC	2021-22 Actual	
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 4: Power Purchase details from Non Renewable Sources for FY 2021-22 (in MU)

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

(IN MU)

	Allocation to DVC	Gross Power	Net Power
ITEM	(MW)	Actual	Actual
Solar			
Talcher	10.00	13.329	13.329
Unnachar	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)

		FY 2021-22 (Actual)	
Consumer Category	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	
consumer category	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	
consumer category	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)

	FY 2	021-22	
Consumer Category	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.)

	FY 2	021-22	
Consumer Category	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

	JHARKHAND Actual FY 2021-22			
Consumer Category				
	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

Eineneist Vens	2021-22
Financial Year	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 Free Barlinsmoot	2021-22
A. Energy Requirement	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
D. Franciski kultuk	2021-22
B. Energy Availability	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

	201	8-19	2021-22
STATION	As per CERC	Tariff orders	2021-22
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
TPD Custom***	23.07.2022		50921.00
T&D System***	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 2021-22.	d for 210 MW Unit# 4 only. Unit # 3 of 1	40 MW have aiready been dec	commissioned prior to

** 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

		PAF-Y (FY 2	021-22)	
STATION	HD-p	HD-op	LD-p	LD-op
	High Dema	and Season	Low Deman	nd 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

		2021-22	
STATION	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 Availibility (NAPAF)		Actual PAF-Y	AF-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. Lath)	Recoverable AFC (excl. Sinking Fund) (in Re. 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)
		HD-D	HD-op	10-0	LD-op							
TDS 11# 3	74%	60.45%	60.68%	20.39%	20.04%	11249.89	0.00	11249.89	4597.59	100.00%	000	4597.59
1100 1 m 1 m 3	BRAL	BD 20%C	RD 85%	87.20%	87.24%	36206.46	0.00	36206.46	35761.43	100.00%	0.00	35761.43
	The Sec	103 00%	70 001	B4 12%	03.82%	14040.13	0.00	14040 13	14040.13	100.00%	0.00	14040,13
ro un a	ROW					1745.05	0.00	1745.06	1745.06	100.00%	0.00	1745.05
ano suc	80%		80.00%	2		1288.31	000	1288.31	1288.31	100.00%	0.00	1288.31
2 9	7008		80.00	14		492.64	000	492.64	492.64	100 00%	000	492.64
2.0 Sustam	04.5%		29.65	14		50921.00	000	50921.00	51524.16	100.00%	000	51524.16
a copumi						115943.40	000	115943.48	109449 30		0.00	109449.30
DC HAS & G	96%	RR 77%	88.83%	94.B2%	34 56%	47377.80	1602.04	45775.76	45775,76	73.11%	1171.18	34635.75
DC 118 785	86%	70.57%	79.18%	93.47%	93.34%	101920.61	2583.93	99336.68	97658.35	21.75%	562.04	21603.88
CTPS (1#7.8	85%	95.77%	95.76%	96.54%	96,42%	53060.03	2906.92	50153.11	50153.11	6.37%	165.05	3377.77
TPS.11#18.0	85%	88.75%	88.52%	93.64%	93.38%	110416.69	5632.97	104783.72	104783.72	60.11%	3385.71	66366.19
PSU#182	85%	58.00%	88.29%	87.57%	80.87%	117573.67	6136.84	111436.83	111436.83	4,66%	296.03	5479.86
17. SQ	95%	86.52%	86.44%	76.13%	75.94%	77188.94	000	77188.94	71046.81	58.59%	0.00	41628.80
RTPS U # 18.2	85%	81.20%	80.71%	72.98%	73.15%	139554 82	1162.77	138392.05	122168.77	43.53%	50621	53691.70
R.TOTAL						647092.56	20025.47	627067.09	603023.35		6094.21	226983.94
COLUMN TOTAL						TOTAL AA	20025.47	743010.57	712472.65		6094.21	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

KTPS #18.2

Particulars	Unit	High Deman	d Season	Low Dema	Low Demand Season
		Peak Period Off Peak P	Off Peak Period	Peak Period	Off Peak Period
PLFachieved	27	93.21%	90.28%	79.08%	73,70%
Energy above Normative PLF of	kwh	28165575	90579650	0	0
Rate of Incentive	Paise/kWh	65	50	65	50
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

TP5 #788

Particulars	Unit	High Demand	d Season	Low Dema	Low Demand Season
		Peak Period	Off Peak Period	Peak Period	Off Peak Period
PLF achieved	96	91.51%	1	91,96%	86.96%
Energy above Normative PLF of	kWh	10801700		34283300	48374875
Rate of Incentive	Palse/kWh	65		65	50
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

	2021-22
Station	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
DSTPSU#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

		2021-22	
Station	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)

	2021-22
Items	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)

			2021-2	2021-22 (Actual)		
Source Stations	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					3	00.000
Talcher (NTPC)	12.66	12.23	132.71	227.81	4.81	303.32
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
				10100		PADA DI
NTPC Solar Power	26.66	26.66	•	2494.01		2434.01
NTPC - VVNL Solar Power	26.49	25.64		2752.76	2	0/70/7
NVVNL Solar Power (Tr. Charges)			•	394.44		394.44
Sub-total	53.15	52,30		5641.21		5641.21
PTC power from Bhutan						
Chukha (PTC)	188.62	182.47		4530.07		4530.07
Kurichu (PTC)	23.95	23.18		520.22		520.22
Tala (PTC)	153.37	148.44		3313.71		3313.71
Sub-total	365.94	354.09		8364.00	•	8364.00
MPL	1029.36	994.15	15847.39	26463.93	2466.18	44777.51
Contingency Purchase (IEX/PXIL)	274.50	274.50		24742.82	•	24742.82
	41.00	07.57	70	90 098		869.96
GTAM Purchase (Solar)	71.11	71711		00:000		
GTAM Purchase (Non-Solar)	12.48	12.48		684.70	•	684.70
	1444 A	04 04 00	3C MARC	72520 60	3048 21	96982.15
I otal	2106.01	2040.70	00.40412	16363-00	110100	
Table 19 (B): Unscedule Interchange (UI) Calculation for the FY 2021-22	Calculation for the FY 20	21-22				
	Energy (MU)	Amount (Rs. Lakhs)	Rate (Rs./Kwh)	Weighted Avg ECR of	Net Gain (Rs. Lakhs)	
	1 1 10	-		DVU		

	Energy (MU)	Amount (Rs. Lakhs)	Rate (Rs./Kwh)	DVC	Net Gain (Rs. Lakhs)
Ul 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		

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

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	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)

Committy demonst hald as no 01 04 2021	Refund	Further Deposit	Interest upto 31.03.2022	TDS	Net Interest	Cummulative SD as on 31.03.2022	Average Security Deposit
occurring uppose more as an an an arrange						L'U'U'	U10+U10
		c	C	LL	F=0-E	G = A-B+C+L	200.01-11
Δ	-	د	2	4		ATAM CT	14025 03
			1001 01	07.04	COR 65	10:02101	14000.00
1004 00	EQD 24	216.87	18.COUT	17.75			

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

2021-22	67.63
Items	Environmental Protection and Other Cess

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

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

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 Liensee fees related to JSERC	45.323
Publication Expenses related to JSERC	0.000
TOTAL	45.32

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

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

		2021-22	
S No.	Station/item	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	3,377.7
11	DSTPS1&2	1,02,891.41	66,366.1
12	KTPS 1 & 2	8,072.45	5,479.8
13	BTPS A	37,599.29	41,628.8
14	RTPS1&2	75,957.60	53,691.7
15	Incentive from CTPS 7 & 8		37.9
16	Incentive from KTPS 1 & 2	-	29.6
17	POWER PURCHASE Cost (excluding RPO)	78,372.81	24,452.5
18	Transmission & other Incidental Charges	-	15,010.2
19	Tariff filling fees & publication expenses to CERC		459.6
20	Environmental Protection and Other Cess	-	67.6
21	Legal Charges & Consultancy Fees		1,042.7
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 (SI. No. 1 to 22 -23-24)	5,83,452.96	3,77,533.
26	Ratio of sales in Jharkhand part to total firm sale in entire DVC	0.4550	0.455
27	ARR before IWC, Interest on SD & tariff filling fees in the licensed area of Jharkhand (SI. No. 25 x 26)	2,65,489.77	1,71,789.
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.
30	Interest on security deposit	•	1,005.
31	Tariff Filing Fees & Publication Expenses in JSERC	-	45.
32	Rebate and discount allowed to consumers	5,338.70	
33	ARR for Jharkhand Area (SI. No. 27+28+29+30+31+32)	2,82,610.28	1,79,445
34	NET ARR Jharkhand	2,82,610.28	1,79,445
35	TOTAL ARR		4,62,055.

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

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

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ANNEXURE-22



Form No. F1a Actual Sale, No. of Consumers & Connected Load details in Jharkhand area during FY 2021-22

Consumer Category JHARKHAND LT 5 LT 5 11kV 2 33 KV 142 132 KV 11	JHARKHAND 5	JHARKHAND	JHARKHAND
	ъ		
	5	CONNECTED LOAD (kW)	
		7451.29	38.62
		CONNECTED LOAD (MVA)	
	2	0.60	0.20
	142	895.06	4906.92
102.102		317.50	1245.38
132 KV TRACTION 5	2	90.63	267.16
220 KV 2	2	290.00	1740.59
TOTAL 167	167	1593.79	8198.88



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

		2021-22	
SOURCE	NET ENERGY (MU)	Amount	Rate (Rs./Unit)
1) NHPC:		(Rs. Lakhs)	runo (runo mu)
RANGIT	31.73	1347.66	4.05
TEESTA	217.33	5928.70	4.25
SUB TOTAL NHPC	249.06		2.73
SOB TOTAL NIPC	249.00	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
A POWER RUPCHASE FROM OTHER COURSES			
4) POWER PURCHASE FROM OTHER SOURCES:	004.45		
MPL	994.15	44777.51	4.50
KBUNL Contingency Purchase (IEX/PXIL)	80.85	4093.40	5.06
SUB TOTAL OTHERS	274.50	24742.82	9.01
SOB TOTAL OTHERS	1349.51	73613.72	5.45
5) RENEWABLE PURCHASE OBLIGATION:			
SOLAR POWER	52.30	5641.21	10.70
SOLAR POWER (GTAM PURCHASE)	17.12	869.96	10.79
NON-SOLAR POWER (GTAM PURCHASE)	12.48	684.70	5.08
Solar REC	12.40	6422.57	5.49
Non-Solar REC		4519.41	
SUB TOTAL RPO	81.89	18137.85	22.45
COD TOTAL NI O	01.05	10137.03	22.15
) UNSCHEDULED INTERCHANGE	14.47	13039.09	
) TRANSMISSION CHARGES:			
POC Charges (CTUIL)		13249.43	- An
ULDC Charges (PGCIL)		887.82	A Shine
POSOCO Charges (Dist. Lic. & Buyer)		84.60	
PTC Transmission charge		93.48	Ell
Contribution to ERPC fund		16.00	
AMC charges for ULDC scheme		68.52	19
Reactive charges PGCIL		610.39	110. 75
SUB TOTAL TRANSMISSION CHARGES		15010.24	
OTAL - POWER PURCHASE AND TRANSMISSION			
HARGES (1 TO 7)	2032.31	135973.46	6.69
DVC's OWN GENERATING STATIONS	16622.13	819187.76	4.93
		010101110	4.30
RAND TOTAL	18654.44	955161.22	5.12

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Form No. F18

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

		Amount (In Rs. Lakhs)
SI. No.	Particulars	Amount
Α	Revenue from sales in Jharkhand	462055.77
в	Cost of power purchase allocated for Jharkhand in the ratio of sales	65400.78
С	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
н	Interest on working capital	6604.42



Form No. S7

Energy Balance for FY 2021-22

A Energy Beginrement	Actual (MU)
A. Energy Reqiurement	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

Consumer Category	From April-21 to March 30.0	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

Name of Distribution Licensee : Damodar Valley Corporation

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

NDN TOD All units 5 38.62 7.451.29 420.00 156.00 NDN TOD All units 5 38.62 7.451.29 420.00 156.00 NDN TOD All units 5 38.62 7.451.29 420.00 156.00 NDN TOD All units 2 0.01 0.00 375.00 350.00 NDN TOD All units 2 0.20 0.60 375.00 350.00 NDN TOD All units 138 4.580.21 832.45 375.00 350.00 NDN TOD All units 7 983.05 114.50 375.00 350.00 NDN TOD All units 7 983.05 114.50 375.00 350.00 NDN TOD All units 7 983.05 114.50 375.00 350.00 NDN TOD All units 5 17.40.51 375.00 350.00 NDN TOD All units 5 17.45.01 375.00 350.00 NDN TOD <	Name of Tariff Scheme Consumption No. of consumers Stabwise (MU)	Connected Load (KW)	Energy Charge (P/KWh)	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.)
NDN TOD All units 5 38.62 7.451.29 420.09 156.00 NDN TOD All units 5 38.62 7.451.29 420.09 156.00 NDN TOD All units Contumption- (MU) Contract Demand/ (MVA) Energy Charge (PVVAh) Fixed Charges (Rs/VAMonth) NDN TOD All units 2 0.20 0.60 375.00 356.00 NNN TOD All units 138 4.580.21 822.46 375.00 356.00 NNN TOD All units 7 583.05 154.60 375.00 356.00 NNN TOD All units 7 583.05 154.60 375.00 356.00 NNN TOD All units 7 583.05 154.60 340.00 360.00 NON TOD All units 5 257.13 96.20 340.00 356.00 NON TOD All units 5 257.13 340.00 356.00 356.00 NON TOD All units 5 257.13 340.00									
Image: Non TOD All units 2 Contract Demand/ Sibbivise Energy Charge Connected Load Fixed Charges (PKVAh) Fixed Charges (RsiVVAmonth) NN TOD All units 2 0.20 0.60 375.00 350.00 NN TOD All units 2 0.22 0.60 375.00 350.00 NN TOD All units 138 4.580.21 832.45 375.00 350.00 NN TOD All units 7 583.05 154.50 375.00 350.00 NN TOD All units 7 583.05 154.50 375.00 350.00 NN TOD All units 7 583.05 154.50 375.00 350.00 NON TOD All units 5 267.16 90.63 360.00 360.00 NON TOD All units 2 1/740.59 260.00 360.00 360.00 360.00 NON TOD All units 2 1/740.59 260.00 375.00 350.00 350.00 NON TOD All units <td>5</td> <td></td> <td>420.00</td> <td>150.00</td> <td>21.37</td> <td>42.15</td> <td></td> <td>63.52</td> <td></td>	5		420.00	150.00	21.37	42.15		63.52	
Image: Contract Demand i Energy Charge is Stabwise Contract Demand i Energy Charge is Fixed Charges is Stabwise Fixed Charges is Stabbise Fixed Charges is Stabbise									
NON TOD All units 2 0.20 0.60 375,00 NON TOD All units 138 4,580,21 822,45 375,00 NON TOD All units 138 4,580,21 822,45 375,00 NON TOD All units 7 533,05 154,50 375,00 NON TOD All units 7 533,05 154,50 375,00 NON TOD All units 7 533,05 154,50 375,00 NON TOD All units 5 265,16 90,63 340,00 NON TOD All units 5 1,240,59 290,00 375,00 NON TOD All units 2 1,240,59 290,03 340,00 NON TOD All units 2 1,240,59 290,03 375,00 SUB TOTAL, (HT) 162 8,160,26 1,583,79 347,00 375,00	Consumption- Stabwise (MU)	Contract Demand/ Connected Load (MVA.)	Energy Charge (PIKVAh)	Fixed Charges (Rs/KVA/Month)	Demand Charges (Total in Rs. Lakhs)	Variable Charges (Total in Rs. Lakhs.)	Rebates/Surcharges (Total in Rs. Lakhs)	Total Billed Amount (Rs.Lakhs)	Total Billed Amount Existing billing Rate in (Rs.Lakhs) (Rs.Lakhs)
NON TOD All units 138 4,580.21 822.45 375.00 (3KV) NON TOD All units 4 326.71 62.60 340.06 NON TOD All units 7 593.05 154.50 375.00 NON TOD All units 7 593.05 154.50 375.00 NON TOD All units 7 563.33 163.00 340.00 NON TOD All units 5 2657.16 90.63 340.00 NON TOD All units 2 1,740.59 290.03 340.00 NON TOD All units 2 1,740.59 290.03 375.00 SUB TOTAL (HT) All units 2 1,740.56 1,583.79 347.00	L .		375.00	350.00	18.01	17.23		13.00	14.42
I3XV) NON TOD All units 4 326.71 6.26.0 340.06 NON TOD All units 7 593.05 154.50 375.06 NON TOD All units 7 533.05 154.50 375.06 NON TOD All units 4 652.33 163.00 340.06 NON TOD All units 5 267.16 90.63 340.06 NON TOD All units 2 1,740.59 290.00 375.00 SUB TOTAL (HT) 162 8,160.26 1,593.79 1 1	138		375.00	360.001	20 AGE OF	1 70 202 20			10.01
NON TOD All units 7 583.05 154.50 375.00 NON TOD All units 7 583.05 154.50 375.00 NON TOD All units 4 652.33 163.00 340.00 NON TOD All units 5 267.16 90.63 340.00 NON TOD All units 5 267.16 90.63 340.00 NON TOD All units 2 1,740.59 290.00 375.00 SUB TOTAL (HT) 162 8,160.26 1,563.79 375.00	4		240.00	200.000	26,000.35	NC:000'01'1	14,000.40	1.	4.28
NDN TOD All units 4 652.33 134.30 373.00 NDN TOD All units 5 567.16 90.63 340.00 NON TOD All units 5 567.16 90.63 340.00 NON TOD All units 2 1,740.59 290.00 375.00 SUB TOTAL (HT) 162 8,160.26 1,593.79 500 375.00	7		NO.04C	10.000		11,540.27			4.45
NON TOD All units 5 267,16 90,63 340,00 NON TOD All units 2 1,740,59 290,63 340,00 NON TOD All units 2 1,740,59 290,63 347,00 SUB TOTAL (HT) 162 8,160,26 1,583,79 1,583,79	4		00.045	320,00		22,126,23			4.52
NON TOD All units 2 1740.59 299.00 375.00 SUB TOTAL (HT) 162 6.166.26 1.593.19 1.593.19	·		040.040	00.000	70.000,0	23, URI 102			4.40
SUB TOTAL (HT) 162 8,160.26 1,593.79	2 1		375.00	350.00	3,143,75	9,216.04	42.14 F 054.24	12,319.68	4.61
		+		*****	62.088.40	3.11 616 50			11.9
T0TAL (LT & HT) 167 8,198,38					62,109.76	3.11.557.65	22 538.08	3 51 129 33	10°+

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ANNEXURE-23



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Statement of Audit 2021-22



ANNUAL REPORT 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;
- 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 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

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.

KI 2021-22

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:
 - 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

I. 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

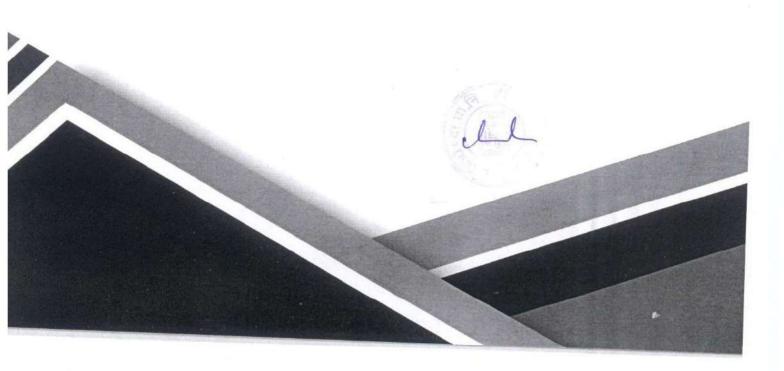
The Corporation has yet to implement ERP System. However, it has installed and implemented a customized Enterprise Business Application (EBA) covering Plant Maintenance Activity, Purchase & Stores, Finance & Accounts and Fuel Management System at its different units including DVC corporate office.

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Director General of Audit (Mines), Kolkata

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Statement of Accounts 2021-22



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Balance Sheet as at 31.03.2022

		lote	a series in the second	31.03.20	22	The second second	COLUMN TWO IS NOT	-			(Rs. in Cro
Particular	s In	POWER	IRRIGATION	FLOO	D OTHER	2			31.03.2021	and the second	
		2 3	4	CONTR	OL ACTIVITI	ES TOTA	L POWER	IRRIGATION	FLOOD	OTHE	R
I EQUITY AN	ID			5	6	7	8	9	CONTROL 10	ACTIVITI	ES TOTA
(1) Governme Funds	nt										
(a) Capital	2	5,081.64	05.00					1 . 1			
(b) Reserves	3	1.001.04	55.05	19.4	7	- 5,196.2	20 5,081.64	95.09	1.00		
and Surplus		5,665.69	1,059.18	(54.94)	- 6,669.9		00.00	19.47		- 5,196.2
(2) Non-Currer Liabilities	it		ST. COM				0,000.97	788.10	(48.27)		- 5,748.8
(a) Long Term Borrowings	4	15,596.07	-								
(b) Deferred Tax Liabilities (Net)	5				81.32	15,677.3	9 15,722.45	-	-	81.61	15,804.0
(c) Other Long Term Liabilities	6	1,466.54	15.41	0.60	-			-	-	-	
(d) Long Term Provisions	7	4.80		0.00	0.01	1,482.56	111110	15.37	0.60	0.01	1,108.08
(3) Current Liabilities					000.69	685,49	5.30	-		87.59	92.89
(a) Short Term Borrowings	8	9,603.28									
b) Trade Payables	9	1,421.33	0.03		7 47	9,603.28	6,212.62	-	-	-	6,212.62
c) Other urrent	10	3,992.08			7.47	1,428.83	4,209.62	0.03	-	13.54	4,223.19
iabilities d) Short Term		0,092.00	1.39	0.41	1,051.55	5,045.43	3,799.82	0.14	0.36	730.12	4,530.44
rovisions	11	867.35	-	-	125.98	993.33					4,000.44
TAL		Same.	and a second second				42.99	-	-	27.60	70.59
		- 39			4	5,782.44					2,986.87



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DAMODAR VALLEY CORPORATION

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Balance Sheet as at 31.03.2022

Sales & Barker Var-	1000	Section 1	Sec. 2 mail	31.03.2022	San Blanch		1500	Not sugar	31.03.2021		a la compace
Particulars	Note	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
II ASSETS				<u> </u>		100					
(1) Non-Current Assets											
(a) Fixed Assets				a state	199146						
(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								đ.		
(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		12.20								

(Rs. in Crore)



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Balance Sheet as at 31.03.2022

	-	2	POWER	IRRIGATIC	N FL	.00D		ER				31.03.20	21	(Rs. in Cr
(2) Current Assets			-	4		5	6		TAL	POWER	IRRIGATION	FLOOD		- International Party
(a) Current Investments	1	7	8.35						7	8	9	CONTROL 10	ACTIVIT	TIES TOTA
(b) Inventories (c) Trade	1		484.56		-			8.3	15	4.48				12
Receivables	19	7,6	99.90		-						-	- 1		
(d) Cash				81.64	-				.56 1	,685.22	-		-	4.48
and Cash Equivalents	20	42	2.28					7,781.	54 7,	506.88	100.10	-		1,685.22
e) Short Term Loans and Advances	21	451			•		156.47	198.7	5 2	25.77		-	(a)	7,606.98
Other Current Assets	22	8,378		•	-		82.58	533.94	51	2.42		-	85.13	110.90
TOTAL			_	14.37			14.05				-	-	79.95	FOR
nificant Account	ing D		1			-	4.25	8,436.83	4,30	2.19	0.05			592.37
	mg P0	licies	- 1		_		4	16,782.44		_	9.95	-	37.14	4,349.28

-toreage Arup Sarkar Member (Finance)

fel, R. N. Singh

Chairman



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Statement of Profit & Loss for the year ended 31.03.2022

	Destinut		- HON	31.03.	2022		- states in	31.03.20		(Rs. in Crore
ALC: NO	Particulars	Note	POWER	IRRIGATION	FLOOD CONTROL	TOTAL	POWER	IRRIGATION	FLOOD	TOTAL
	1	2	3	4	5	6			CONTROL	TOTAL
	Revenue:	1		ALL CONTRACTOR		0	7	8	9	10
I	Revenue from Operations	23	21,799.31	305.91		22,105.22	17,197.34	253.74		
11	Other Income	24	979.25	10.98				255.74	-	17,451.0
Ш	Total Revenue (I + II)		22,778.56		1.44	991.67	1,355.48	0.09	0.09	1,355.66
V	Expenses:		22,778.56	316.89	1.44	23,096.89	18,552.82	253.83	0.09	
	Cost of Power Purchased	25	1,353.07			1,353.07				10,000.7
	Cost of Fuel	26	11,169.89				814.59	-	-	814.59
	Employee Benefit					11,169.89	9,733.61	-	-	9,733.61
	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		
	Depreciation and Amortization Expense		2,697.19	0.38	0.20			1.42	0.60	2,519.49
	Operation &			0.50	0.32	2,697.89	2,673.76	0.54	0.56	2,674.86
	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)									
[Total Expenses	1	21,624.24		-	-	(0.16)	-		(0.16)
			21,024.24	47.25	8.51	21680.00	18,462.42	33.09	9.27	18,504.78



Statement of Profit & Loss for the year ended 31.03.2022

1 Profit/ (Loss) Before exceptional and extraordinary Items	Note 2	POWER 3	IRRIGATION	FLOOD		a series of the	31 02 2	A REAL PROPERTY AND A REAL	Rs. in Cro		
Profit/ (Loss) Before Exceptional and Extraordinary Items	2	3			The second second	The second state	31.03.2021				
xceptional and xtraordinary Items			Contract of the local division of the local	CONTROL	TOTAL	POWER	IRRIGATION	FLOOD			
xtraordinary Itoma			4	5	6	7	CHILL OF	CONTROL	TOTAL		
nd Tax (III - IV)		1,154.32	269.64	(7.07)	1,416.89	90.40	8	9	10		
xceptional Items		782 00				0.0.10	220.74	(9.18)	301.96		
ofit / (Loss) Before		.02.00	-		782.00	1					
d Tax (V - VI)		372.32	269 64	(7.00)			-	-			
traordinary Items				(7.07)	634.89	90.40	220 74	10.1			
fit / (Loss) Before		-		-	-			(9.18)	301.96		
		372.32	269.64	(7.07)		-	-	-			
				0.077	634.89	90.40	220.74	(0.10)	-		
		-						(9.18)	301.96		
	_				-	-					
od from Continui						-	-	-	-		
perations (IX - Y)		372.32	269.64	17.07	PASS -				-		
	131	100		(7.07)	634.89	90.40	220 74				
	ofit / (Loss) Before traordinary Items 1 Tax (V - VI) raordinary Items	offit / (Loss) Before traordinary Items 1 Tax (V - VI) raordinary Items fit / (Loss) Before (VII - VIII) Expense: Current Tax Deferred Tax offit (Loss) for the d from Continuing	offit / (Loss) Before 782.00 traordinary Items 372.32 d Tax (V - VI) 372.32 it / (Loss) Before 372.32 fit / (Loss) Before 372.32 current Tax - beferred Tax - offit (Loss) for the - d from Continuing 272.62	offit / (Loss) Before 782.00 traordinary Items 372.32 1 Tax (V - VI) 372.32 raordinary Items - fit / (Loss) Before - (VII - VIII) 372.32 269.64 Expense: Current Tax Deferred Tax - offit (Loss) for the d from Continuing	offit / (Loss) Before traordinary Items 372.32 269.64 (7.07) aaordinary Items 372.32 269.64 (7.07) aaordinary Items 372.32 269.64 (7.07) fit / (Loss) Before (VII - VIII) 372.32 269.64 (7.07) Expense: - - - Current Tax - - - offit (Loss) for the d from Continuing - - -	offit / (Loss) Before 782.00 782.00 traordinary Items 372.32 269.64 (7.07) 634.89 raordinary Items 372.32 269.64 (7.07) 634.89 fit / (Loss) Before 372.32 269.64 (7.07) 634.89 Expense: 372.32 269.64 (7.07) 634.89 Current Tax - - - - offit (Loss) for the 372.32 269.64 (7.07) 634.89	Offit / (Loss) Before traordinary Items 782.00 782.00 1 Tax (V - VI) 372.32 269.64 (7.07) 634.89 90.40 raordinary Items fit / (Loss) Before (VII - VIII) 372.32 269.64 (7.07) 634.89 90.40 Expense: current Tax 372.32 269.64 (7.07) 634.89 90.40 Surrent Tax 372.32 269.64 (7.07) 634.89 90.40 Surrent Tax - - - - - - offit (Loss) for the d from Continuing 372.32 269.64 (7.07) 634.89 90.40	Offit / (Loss) Before 782.00 782.00 traordinary Items 372.32 269.64 (7.07) 634.89 90.40 220.74 Expense: 372.32 269.64 (7.07) 634.89 90.40 220.74 Current Tax - - - - - - offit (Loss) for the 372.32 269.64 (7.07) 634.89 90.40 220.74 erations (IX - X) 372.32 269.64 (7.07) 634.89 90.40 220.74 erations (IX - X) 372.32 269.64 (7.07) 634.89 90.40 220.74	Offit / (Loss) Before traordinary Items 372.32 269.64 (7.07) 634.89 90.40 220.74 (9.18) raordinary Items fit / (Loss) Before (VII - VIII) 372.32 269.64 (7.07) 634.89 90.40 220.74 (9.18) strand (V - VI) 372.32 269.64 (7.07) 634.89 90.40 220.74 (9.18) Expense: Current Tax 372.32 269.64 (7.07) 634.89 90.40 220.74 (9.18) offit (Loss) for the d from Continuing 372.32 269.64 (7.07) 634.89 90.40 220.74 (9.18)		

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nual Financial Statement 2021-22

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Statement of Profit & Loss for the year ended 31.03.2022

6.			den paren	31.03.	2022	State 1	And the second second	31.03.2	and the second se	s. in Crore
1	Particulars	Note	POWER	IRRIGATION	FLOOD CONTROL	TOTAL	POWER	IRRIGATION	FLOOD	TOTAL
	1	2	3	4	5	6	7	and the second second	CONTROL	A MERICE
XII	Profit /(Loss) from Discontinuing Operations							8	9	10
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	(0.10)	
XVI	Sinking Fund and Debenture Redemption Reserve Fund	-	308.82			308.82	90.40	-	(9.18)	301.96 90.40
	General Reserve Capital Reserve		34.92			34.92	-	-	-	-
	Sub Total (XVI + XVII + (VIII)		343.74	-	-	343.74	90.40	-	-	90.40

Statement of Profit & Loss for the year ended 31.03.2022

	Particulars	Note		31.03.	2022		Cold States	Concernance of the second	(F	Rs. in Cror
1.1		Note	POWER	IRRIGATION	FLOOD	1.1		31.03.2	021	Den Car
10	Contract 1	2	2		CONTROL	TOTAL	POWER	IRRIGATION	FLOOD	
XX	Allocation to Central	-	3	4	5	6	7		CONTROL	TOTA
	Government	1	9.53		States and			8	9	10
XXI	Allocation to West					9.53	-			
	Bengal Government	1 1	9.53	268.86	17.071					
XXII	Allocation to Bihar		199		(7.07)	271.32	-	220.10	(9.18)	
	Government		9.53	0.78					(9.18)	210.9
XXIII						10.31	-	0.64		
	(XX + XXI + XXII)		28.59	269.64	(7.07)				-	0.64
XIV	Total (XIX + XXIII)		372.32		(7.07)	291.16	-	220.74	(9.18)	
			372.32	269.64	(7.07)	634.89	00.40		(5.18)	211.56
						100	90.40	220.74	(9.18)	301.9

Asachasz

Arup Sarkar Member (Finance)

R. N. Singh

Chairman



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Cash Flow Statement for the year ended 31.03.2022

	31.0	3.2022	the second second second second	Rs. in Crore
A. Cash Flow from Operating Activities			01.00	.2021
Net Profit before tax, adjustments and extra ordinary items		634.89		301.9
Adjustments for :		001105		301.9
Depreciation / Amortisation	2,697.89		2,674.86	
Interest and Other Finance Charges	2,342.93		Interspectation and the second	
Interest Income	(3.78)		2,519.49	
Income from Dividend	(19.90)		(15.27)	
Profit on sale of Fixed assets	(34.22)	1 000 00	(110.11)	
Operating Profit before Working Capital Changes	(34.22)	"JOGETOL	(1.25)	
Adjustments for : (Increase) / Decrease in Current Assets		5,617.81		5,369.6
Trade and Other Receivables	(22.10)			
Inventories	(32.18)		388.81	
Loans and Advances	205.02		435.53	
Other Current Assets	(275.89)		691.89	
Adjustments for : Increase /(Decrease) in Current Liabilities	(3,936.08)	(4,039.13)	(433.01)	1,083.22
Trade Payable				
Short term Provisions	(2,598.73)		966.24	
Long term Provisions	927.97		(42.41)	
Other Current Liabilities	592.60		-	
Cash generated from operations	485.09	(593.07)	321.29	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)
Cash Flow from Investing Activities		1,036.59	-	7,710.70
Purchase of Fixed Assets				
Sale of Fixed Assets	(2,198.43)		(902.39)	
Sale of FINCE ASSELS	44.39	Same Shirt	1.71	



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Cash Flow Statement for the year ended 31.03.2022

Purchase of investments	31.0	3.2022	31.0	(Rs. in Crore 3.2021
Sale of investments	(4.94)	12 - 3 - 3 - 3	(1.02)	5.2021
Interest Received	1.08		0.94	
Dividend Received	3.38		2.94	
Net cash used in Investing Activities - B	19.90		110.11	
C. Cash Flow from Financing Activities		(2,134.62)		(787.71)
Drawal of Long Term Loan Repayment of Long Term Loan Increase (Decrease) in Short Term Loan and Cash credit Interest Paid & Other Finance Charges Net Cash flow from Financing Activities - C Net increase / (decrease) in cash and cash equivalents (A + B + C) Cash and cash equivalents at the beginning of the period [Note (a) below] Cash and cash equivalents at the end of the period [Note (a) below]	910.53 (937.15) 3,390.66 (2,178.16)	1,185.88 87.85 110.90	204.64 (1,537.34) (3,068.05) (2,498.49)	(6,899.24) 23.75 87.15
Note:-		198.75		110.90
a) Cash and cash equivalents included in Cash Flow Statement is same as per Note-20 Bank Deposits with more than three months Maturity		198.75		110.90
Total		Nil 199.75		Nil
b) The above balance does not include any amount which is not available		198.75		110.90

for use

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

Asarage Arup Sarkar

Member (Finance)

R. N. Singh Chairman



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 crystalised.

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.

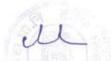
4.2 Bonds issued from 1st April, 2012

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
- 5.4 Assets and systems common to more than one generating units are capitalized on the basis of engineering
- 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
- 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
- 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
- 6.6 Deposit works/cost plus contracts are accounted for on the basis of statements of account received
- 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.

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.



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

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- 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. Incase 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:



3.60

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.



Annual Financial Statement 2021-22

2. Capital

As at		31.03.	2022		- Coldina	31.03	2021	(Rs. in Crore
Particulars	Power	Irrigation	Flood Control	Total	Power	Irrigation	Flood	Total
Central Govt.			Control				Control	Iotal
Opening Balance Add Transfer From Revenue A/c	1,813.67	-	7.00	1,820.67	1,813.67	-	7.00	1,820.67
Sub Total	1,813.67		7.00	1 000 57				
West Bengal Govt.	1,010.07		7.00	1,820.67	1,813.67	-	7.00	1,820.67
Opening Balance Add Transfer From Revenue A/c / Adjutment during the year	1,486.69	94.82	12.47	1,593.98	1,486.69	94.82	12.47	1,593.98
Sub Total	1,486.69	94.82	10.47					-
Bihar Govt.	1,400.03	94.82	12.47	1,593.98	1,486.69	94.82	12.47	1,593.98
Opening Balance Add Transfer From Revenue A/c	1,781.28	0.27	-	1,781.55	1,781.28	0.27	-	1,781.55
Sub Total	1,781.28	0.27		1 701				-
otal	5,081.64	95.09		1,781.55	1,781.28	0.27	-	1,781.55
	0,001.04	95.09	19.47	5,196.20	5,081.64	95.09	19.47	and the second se



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2. Capital

Notes

- 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

As at	-	31.03.	2022	(Book) PART	a land and	31.03.2	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 Deprieciation				-				-
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	-	-	-	-	218.44	-	-	218.44
Reserve		_						
Sub Total	4,055.86	-	-	4,055.86	3,501.91	-	-	3,501.91

Annual Financial Statement 2021-22



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(Rs. in Crore)

DAMODAR VALLEY CORPORATION

3. Reserves & Surplus

(Rs. in Crore)

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As at	March March	31.03.	2022		State Later	31.03.2	2021	Parse Reading
Particulars	Power	Irrigation	Flood Control	Total	Power	Irrigation	Flood Control	Total
Ash Utilization Reserve								co 02
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								0.155.14
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	14	-	-	-	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)	5	-	(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		-	21.02	0001	and By Brid and States
Particulars	Power	Irrigation	Flood	Total	Power	31.03.	Flood	
Adjustment during the Year			Control	ioiui	FUWEI	Irrigation	Control	Total
Central Govt.	2.46	-				And Property in case of the local division o	CONTION	
West Bengal Govt.	100.007.00.00		-	- 2.40	6 2.46			
Bihar Govt.	2.48	1.75	0.0.	9 4.30	2.48	1.43	0.39	2.4
Sub Total	2.25			- 2.26	- Dec / 100/E/	0.01		
	7.19	1.44	0.39					2.2
Appropriation of Net Profit/ Loss (as per Statement of Profit & Loss) for the year					7.19	1.44	0.39	9.02
Central Govt.	0.50							
West Bengal Govt.	9.53		-	9.53	-			
Bihar Govt.	9.53			271.32	_	220.10	10 101	
Sub Total	9.53	0.78	-	10.31	_	0.64	(9.18)	210.92
Closing Balance	28.59	269.64	(7.07)			001850.00	-	0.64
						220.74	(9.18)	211.56
Central Govt	(2,334.87)	-		(2,334.87)	10.045.000			
Vest Bengal Govt.	(1,921.66)	1,056.87	(54.95)		(2,346.86)	-	-	(2,346.86)
Bihar Govt.	(2,354.35)	2.31	0.01	(919.74)	(1,933.67)	786.58	(48.27)	(1,195.36)
ub Total	(6,610.88)			(2,352.03)	(2,366.13)	1.52	0.01	(2,364.60)
otal	5,665.69		(54.94)	(5,606.64)		788.10	(48.26)	(5,906.82)
	5,005.09	1,059.18	(54.94)	6,669.93	5,008.97	788.10		5,748.80

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Annual Financial Statement 2021-22

3. Reserves & Surplus

1. Appropration 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.

Sinking Fund & Debenture Redemption Reserve 2.

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 seperate fund account to be managed and governed through Escrow Mechanism.

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

4. Long Term Borrowings

As at 31.03.2022 31.03.2021 Over Flood Subsidiary Multipurpose Power Irrigation Flood Subsidiary Multipurpose Control Activities Dams Over Particulars Power Irrigation head Total head Total Control Activities Dams Activitie Activities Long term Borrowings Bond Secured Bond 9.30% Gol 4400 4400 4400 4400 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. Unsecured Bond 8.69% Gol 2600 2600 2600 2600 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. Annual Financial Statement 2021-22



(Rs. in Crore)

DAMODAR VALLEY CORPORATION

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4. Long Term Borrowings

As at	A Rite and Provent	1.1.2.0	Starting of	31.03.	2022	water in	Notes in	- ANT	a free of	Tollar	31.03.20	021		12 Lala
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)						1								in sy len N le
Secured	4,599.68			-			4,599.68	1,693.63						1,693.63
Term Loans from Financial Institutions														1,055,05
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 31.0	3.2021
	Non Current	Current	Non Current	Curren
A. Details of Secured Loan (Long term) Bonds				
1) 9.30% Gol 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				
 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 Ioan 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
) Project Loan from PFC for Durgapur Steel TPS (Unit no 1&2), ecured by way of Hypothecation of present and future Fixed nd movable Assets of DSTPS (Unit no 1&2). (PFC loan has een refinanced by loan from Bank of India). (Refinancing of PFC an).	1,593.81	155.49	-	



Annual Financial Statement 2021-22

DAMODAR VALLEY CORPORATION

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4. Long term Borrowings

As at				(Rs. in Crore
AS di	As at 31.0	and the second se	As at 31.0	
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.		t Current	Non Curren	
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).		3 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 fuxed 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.
- ii) 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.



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5. Deferred Tax Liabilities

As at				31.03.20	22				Carlos and	-	31.03.2	021		El
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	2		-	-		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 Buisness 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

As at	ALL REAL			31.03.2	022	a state	dul ser	B-BARA	States	the second	31.03.20	21		1012
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		4	2			129.30	128.32		*			8	128.32
Payable for Capital Expenditures (Non Current)	269.52						269.52	147.46						147.45
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

As at	- Cameric	in the		31.03.	2022	Contraction of the	The August	No. of Concession, Name	10000	-	1	-	(R:	s. in Cror
Particulars	Power	Irrigation	Flood	Subsidiary	Multipurpose	Over head	Total	Berry	1	Flood	31.03.2 Subsidiary	021 Multipurpose	Over head	1
Long-term	4.80	NAMES OF GROOM	Control	Activities	Dams	Activities	TULAI	Power	Irrigation	Control	Activities	Dams	Activities	Total
Provisions - Others	4.00	-	-	1	-	-	4.80	5.30	-	-	-	-	-	5.30
Provision for Post Retire- ment Medical Benefit						391.00	391.00							
Provision for Leave Encash- ment	-	1		-	-	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						01.55
	the second data					000.03	005.49	5.30	-	-	-	-	87.59	92.89

8. Short Term Borrowings

(Rs. in Crore) As at 31.03.2022 31.03.2021 Particulars Flood Multipurpose Subsidiary Power Over head Irrigation Flood Subsidiary Total Contro Activities Multipurpose Power Over head Irrigation Dams Activities Control Total Activities Dams Activities Bank(Cash Credit) 3,703.28 3,703.28 2,462.62 Line of Credit (Short Term 2,462.62 5,900.00 Bank Borrowings) 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 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.



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9. Trade Payable

As at			1.20	31.03.2	022	5.639	los train				31.03.2	021		(Rs. in Cron
Particulars	Power	Irrigation	Flood Control		Multipurpose Dams	Over head Activities	Total	Power	Irrigation	Flood Control	Subsidiary	Multipurpose Dams	Over head Activitie	Total
Fuel	5,256.19		-	-		-	5,256.19	7,912.14					Activitie	
Less : Receiv- able from Railway for missing wagon ad- justed to the extent of Liability of Uncon- nected Coal - Payable to Railway (adjusted in note 22)	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
ub Total	882.67	-	-	-	-		882.67	3,734.24					-	3,734.24
f Power	162.27	-	-	-	-	-	162.27	127.38						127.38
Vorks ontracts	10.52	0.03	-	0.02	0.19	0.41	11.17	9.26	0.03		-	0.19	0.35	9.83
onsum- bles upply & thers lisc	365.87	-	-	0.25	0.99	5.61	372.72	338.74	-		0.14	2.42	10.44	351.74
tal	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	



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10. Other Current Liabilities

As at	There is any			31.03.20	22		- And	Concelle		100	31.03.20)21		Rs. in Crore
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		1.1		-		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	
Advance from Consumers and Others	5.50	9		-		-	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	12	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		0.01	0.02
Professional Tax	0.19	0.01	0.01	0.04	-	-	0.25	0.28	0.01	0.01	0.03			
Electricity Duty	412.49					-	412.49	246.49	0,01	0.01	0.03	÷.		0.33
Sales & Commercial Taxes	12.78	0.47	-	0.20	0.43		13.88	13.20	0.03		-	-	-	246.49
ESI Recovery	0.02	-	-				0.02	0.05	0.03	-	0.11	0.42	-	13.76
Family Weifare Scheme	2.71			0.06	0.09				-	-	-		-	0.05
Retrenchment Benefit	4.14			0.00	0.09		2.86	2.54	-	-	0.05	0.09		2.68
Amount Payable to Pension						-	4.14	4.15	-	-	-	-		4.15
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		<i>a</i> .				1,151.43	1,151.43	-	-	-	-		1,151.43



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As at				31.03.20	22	100	A Statu	Caller-	Line and	100	31.03.2	021	Part of Land	s. in Crore
Particulars	Power	Irrigation	Flood Control	Subsidiary Activities	Multipurpose Dams	Over head Activities	Total	Power	Irrigation	Flood	Subsidiary	Multipurpose	Over head	Total
Building & Const Workers Welf Cess	4.77		-	0.02	0.45	-	5.24	0.44	-	Control	Activities 0.01	Dams 0.44	Activities	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	*	1				77.37	77.37	0.16				0	83.18	83.34
SubTotal Provident Fund Less: Provident Fund Investment	2,994.67	1.39	0.41	10.63 - -	27.73	864.71 952.21 804.02	3,899.54 952.21 804.02	2,902.46	0.14	0.36	8.65	18.64	561.96 1,005.98 865.40	3,492.21 1,005.98 865.40
SubTotal	-	-	-		-	148.19	148.19			-	-		140.59	
Add : Current Ma- turity of Long Term Borrowings - From Note -4	997,41	~		0.29	-		997.70	897.36	-		0.29	-	140.58	140.58 897.65
otal	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

10. Other Current Liabilities



11. Short Term Provisions

As at	all and the		RATE OF	31.03.20	22	The set	the state of the	and succession	10000				(Rs	s. in Cro
Particulars	Power	Irrigation	Flood	Subsidiary	Multipurpose		1	-	1		31.03.20	21	CONTRACTOR OF	
Provision for emplo		ingation	Control	Activities	Dams	Over hea Activitie		I Power	Irrigation	Flood Control	Subsidiary	Multipurpose	Over head	
ee benefits	Jy-								Service and the	control	Activities	Dams	Activiti	
As per last balance sheet	38.53		-	-		0.0	6 38.5	9 34.01						
Additions during the year	42.59	-	-	-	0.04	0.0		0.001	-	-	-			- 34
less: Amounts adjusted during the year	0.23						- 0.2			-		-	0.0	6 4
Sub Total:	80.89	-	-											
Provision for tariff adjustment					0.04	0.09	81.02	38.53	-	-		-	0.06	5 38.
As per last balance sheet	4.46	-	-	-	-		4.46	4.46						T
Additions during he year		-	-		-							-		4.
ess: adjusted during he year	-	-	-	-	-						-			
Sub Total:	4.46	-	-						-	-	-	-	2	
Provision for Com- ensation- In lieu f Compassionate				-	-	-	4.46	4.46	-	-	-	-	-	4.4
mployment s per last balance														
neet additions during		-				27.54	27.54	-	-	-	-	-	27.54	27.5
e year Ib Total:				-	-	98.31	98.31	-		-	-		-	
ovision for Long			-	-	-	125.85	125.85							
rm Contract as per	-	-	-	-	-	-				-	-	-	27.54	27.54
t balance sheet ditions during	782.00	_									-	-	-	
e year				-	-	-	782.00	-	-	-	-			
b Total:	782.00	-	-		-		700.00					-	-	
al	7.35	-	-	-		125.94	782.00	-	-	*	-	-		
			and the second second		0.04	123.94	993.33	42.99	-	-			27.60	70.59



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12. Fixed Assets- Tangible & Intangible Assets

	Sector Sector (S	Gross Block	States and and a	D	Depreciation Block					
Particulars	As at 31.03.2021	Additions/ Adjustments	As at 31.03.2022	As at 31.03.2021	Additions/	As at	Net Block As at			
i) Tangible Assets Land & Land Rights	1,698.41	(5.00)	1,693.41	32.31	Adjustments 1.34	31.03.2022 33.65	31.03.2022 1,659.76			
Buildings	3,931.33	17.95	3,949.28	2,079.17	141 70					
Road Culverts & Rly. Sidings	1,750.99	66.84	1,817.83	273.68	141.70 52.31	2,220.87 325.99	1,728.41			
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 & Machin- ery	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							
Net Plant & Machinery	30,951.13	224.67	31,175.80	18,174.98	2,205.01	20,379.99	35.23 10,795.81			
Plant & Machin- ery(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			

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12. Fixed Assets- Tangible & Intangible Assets

A States		Gross Block	A CONTRACTOR OF	D	Net Block		
Particulars	As at 31.03.2021	Additions/ Adjustments	As at 31.03.2022	As at 31.03.2021	epreciation Bloc 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	14	-	÷	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 (Histor- ical & 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	-	1-	-	188.77
Net Total Fixed Asset Cost (Histor- ical & 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



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

		in the second second	(Rs. in Cror
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
ncidental Exp. During Con. (WIP) -Overhead	81.85	(7.23)	74.62



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

and the second		Contraction of the local division of the loc	(Rs. in Cror
Particulars	As at 31.03.2021	Additions/ Adjustments	As at 31.03.2022
Interest During Construction	47.52	49.02	
Preliminary Survey & Investigation & Clg Overhead - Old Ledgers	31.53		96.54
New Thermal Projects-Turnkey -EPC		2.79	34.32
New Thermal Projects-Turnkey -Non EPC	147.71	(122.76)	24.95
	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		
Renovation & Upgradation of Transmission System		1.59	2.05
Total CWIP Asset Value	86.49	23.16	109.65
Less: Provision against loss on CWIP (Khagra Joydev)	2,619.92	2,035.32	4,655.26
Net Total CWUP Access 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		
i) Intangible Assets under Development	2,003.44	(185.52)	2,619.92
Previous Year	-	-	-
Shoud rour	-	-	-

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As at		31.03.2022							(Rs. in Cro 31.03.2021							
Investments in	Power	Irrigation	Flood Control	Subsidiary Activities	Multipurpose Dams	Over head Activities	Total	Power	Irrigation	Flood	Subsidiary Activities	Multipurpose Dams	Over head Activities	Total		
Equity (fully paid up-unless otherwise stated)													Activities			
JV Companies	547.23		-				547.23	547.23		•				547.2		
other compa- nies	10.00		*		-	1	10.00	10.00				4		10.00		
fotal	557.23	-	-				557.23	557.23						57.2		

14. Non Current Investments

15. Long Term Loans & Advances

As at Particulars		31.03.2022								(Rs. in Cro 31.03.2021							
	Power	Irrigation	Flood Control	Subsidiary Activities	Multipurpose Dams	Over head Activities	Total	Power	Irrigation	Flood	Subsidiary Activities	Multipurpose Dams	Over head	Total			
Capital Ad- vances Unsecured considered good	681.32	-				3.93	685.25	715.42				Dams -	Activities	719.35			
Deposits - Unsecured, considered good Loans	7.28	•		-	0.20	1.58	9.06	8.17				0.20	1.58	9.95			
oans to imployees - ecured	0.01		-		-	~	0.01	0.01	<i>a</i> .		0.01	0.01	0.01	0.04			
tal	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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As at		a Sector		31.03.20	22	Section 2	Sur S	Sec. 1	and and		31.03.20	21	(Rs.	in Crore
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
Unamor- tized Expenses			1				-						Activities	-
otal	-												_	

17. Current Investment

As at		and the second		31.03.20	22		and a second		-		31.03.20	21	(113.	in Crore
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 Instru- ments								-					Activities	-
Investments in Short-term Deposits with Bank and FIs	8.35	-	-			-	8.35	4.48						4.48
otal	8.35	-	-	-	-	-	8.35	4.48	-	-	-	-		4.48

18. Inventories

As at	Contra La			31.03.20	022		To and the	State of State	Salar Sal		- La Vertera		-	(Rs. in Cro
The second second	-	1000	Flood	Subsidiary		Over	1		1	1	31.03.20	21		- Triplet Die
Particulars	Power	Irrigation	Control	Activities	Multipurpose Dams	head Activities	Total	Power	Irrigation	Flood Control	Subsidiary Activities	Multipurpose	Over head	Total
Stock						Activities				Control	Activities	Dams	Activities	
Fuel Oil	82.47						82.47	64.42						
Fuel Coal	598.21	-	-				0.72000.250		1	-	-	-	1.	64.43
Loose Tools	1.43							848.52	-				1 54	848.52
Others			1	0.04	0.01	0.01	1.49	1.49			0.04	0.01	0.01	1.55
(15) ST		-	-	-	.*	-		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						
.ess: Pro-	172.60	-	-	0.04	0.49	1.80				-	-	-	-	0.33
visions for Shortage, Obsoles- cence, etc.	Ð					1.00	174.93	176.95	-	-	0.04	0.49	1.80	179.28
otal	1,484.56	-	-	-			1 404 55							
						-	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.

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19. Trade Receivables

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As at	Contraction of the	ANT HAR		31.03.20	22	1 35.				a grant	31.03.20	21	No. of the	Rs. in Cror
Particulars	Power	Irrigation	Flood Control	Subsidiary Activities	Multipurpose Dams	Over head Activities	Total	Power	Irrigation	Flood Control	Subsidiary Activities	Multipurpose	Over head	Total
Debts outstand- ing for a period exceeding six months													Activities	
Unsecured con- sidered 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 outstand- ing for a period not exceeding six months Other Debts-Unse- cured - consid- ered good Considered doubtful Less: Provision for Bad & Doubtful Debts	6,123.49	81.31	-	-			6,204.80	1,000.61	18.32			-		1,018.93
tal	7,699.90	81.64	-	-	-	-	7,781.54	7,506.88	100.10	-				7,606.98

Notes

Sundry Debtors

- 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)
- 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)

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20. Cash & Cash Equivalent

As at	S. 14	C Ball	See 12	31.03.2	022			a second		100 A 100	21.02.0	And in case of the local division of the	(Rs	in Crore
Particulars	Power	Irrigation	Flood Control	Subsidiary Activities	Multipurpose Dams	Over head Activities	Total	Power	Irrigation	Flood	31.03.2 Subsidiary	Multipurpose	Over	
Cash & Cash Equivalents									and the second	Control	Activities	Dams	head Activities	Total
Current Account Cash Balance Imprest	42.17 0.04 0.07	8	5 2 74	0.01	2.00 0.02	154.38	198.55 0.06	1.000.000				1.76	83.27 0.01	110.67
Cash & Cash Equivalent- as per AS 3	42.28		-	0.01	2.02	0.06	0.14	0.07 25.77	-		0.01	1.78	0.06 83.34	0.14
Other Bank Balances Bank Deposits vith more than hree 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

As at		The souther in		31.03.20	22		Million St	A STATE	all all	1000	21 02 00	A CONTRACTOR OF	(Rs. in Cro
Particulars	Power	Irrigation	Flood Control	Subsidiary Activities	Multipurpose Dams	Over head Activities	Total	Power	Irrigation	Flood	31.03.20 Subsidiary	21 Multipurpose	Over	1
A. Loans i) Related Parties Un-Secured										Control	Activities	Dams	head Activities	Total
Sub Total		-				18.40	18.40			-		1	18.40	10
ii) Employees					-	18.40	18.40			1			18.40	-
Secured Un Secured	3.73				-	0.02	0.02							
Sub Total	3.73		-		0.07	1.37	5.17	4.23		-		-	0.01	0.0
B. Advances	5.75	-	.*	×	0.07	1.39	5.19	4.23				0.07	1.31	5.6
i) Contractors & Suppliers, including material issued on Ioan											-	0.07	1.32	5.6
Unsecured(Consid- ered Good)	3,183.34		-	0.69	0.91	20.83		2,908.65		-	0.73	0.91	18.31	
Less : Advance to Coal Suppliers ad- justed in note 9 with Trade payable	2,825.82			-	-	-	3,205.77 2,825.82	2,541.16	-		-	-		2,928.6
Sub Total Considered Doubtful .ess: Provision for lad and Doubtful .dvances	357.52 8.69 8.69	-		0.69	0.91 1.12 1.12	20.83	379.95 9.81 9.81	367.49 8.69 8.69	•		0.73	0.91 1.12 1.12	18.31	387.44 9.81 9.81
ub Total	357.52	-		0.00										
Advance tax depos-	56.43			0.69	0.91	20.83	379.95	367.49	-	-	0.73	0.01	10.01	120.00
& tax deducted at purce					*	-	56.43	107.02		-	-	0.91	18.31	387.44 107.02
) Advance (Others)		-	-											
Related Parties-	33.68	-		-	-	40.29	40.29	-		-	-			
nsecured	100000000000000000000000000000000000000			-	-	-	33.68	33.68				*	40.21	40.21
al	451.36	-	-	0.69	0.00						-	-	-	33.68
			and the second division of the second divisio	0.05	0.98	80.91	533.94	512.42			0.73			



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22. Other Current Assets

As at		unit -	L. Contra	31.03.2	022	a start	and the second	Setton and		Continues of		1	(Rs. in Cro
Particulars	Power	Irrigation	Flood Control	Subsidiary Activities	Multipurpose Dams	Over head	Total	Power	Irrigation	Flood	31.03.2	021 Multipurpose	0	
Other Current Assets		A REAL		Alter St		Activities			Furient	Control	Activities	Dams	Over head Activities	Total
Unbilled Revenue	6,024.89		_						11 12 12 19 19	-			Menter V	THE R.
Sale of Power Unbilled Revenue Sale of Water		14.36		-	-		6,024.89 14.36	2,293.27				-		2,293.2
Interest Accrued : on Term deposits	0.30						-		9.94	-	-	5		9.9
on others Claims Recoverable From Related Parties	-	-	-	-	-	0.02 19.36	0.32 19.36	0.42	-	-	-	-	0.02	0.4
emporary advance	4.12	-	1	-			4.10						19.35	19.35
Peposit Work - REP -	0.19	-		-	0.02	0.03	4.12	29.78	-	-	-	-		29.78
urrent Assets	11200.03	-	-	-	-		1,156.09	0.24	-	-	~	0.02	0.10	0.36
eceivable from Non ore Activities -Un-	5.98	-	-	0.05	0.01	-	6.04	8.28	-	-	•	-		1,156.09
cured Considered								0.20	-	-	0.05	0.01	-	8.34
onsidered Doubtful iss: Provision for ss against other ceivables	-			0.74 0.74	-		0.74 0.74		-	•	0.74 0.74	-	-	0.74
Total	5.98	-	-	0.05										0.74
			1	0.05	0.01	-	6.04	8.28			0.05			



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22. Other Current Assets

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As at	Consideration			31.03.2	022	-	San Par	1	Sel al S	1	31.03.20	21		Rs. in Cron
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 Considered Good	544.95	0.01	-	0.42	19.55	-	564.93	484.41	0.01		0.42	12,45		497.29
Considered Doubtful	93.97				0.89		94.86	95.01				0.00		
Less: Provision for Loss against other Receivables	93.97	2			0.89	-	94.86	95.01		•		0.89	•	95.90 95.90
Sub Total	544.95	0.01	-	0.42	19.55		564.93	484,41						
Receivable from	2,181.62			+	-		2,181.62	1,958.72	0.01	-	0.42	12.45	-	497.29
Railway for missing wagon Less : Payable to Railway for uncon- nected wagon	1,547.70		-	-			1,547.70					-		1,958.72 1,636.74
Sub Total	633.92		-				633.92	201.00						
Deposits- Secured	7.77				0.03	4,76		321.98	-	-		-	-	321.98
otal	8,378.21	14.37		0.47	19.61	1,007,100	12.56	7.72	-	-	-	0.03	4.69	12.44
]	0.4/	19.01	24.17	8,436.83	4,302.19	9.95	-	0.47	12.51	24.16	4,349.28



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23. Revenue from Operations

For the year ended				31.03.20	022		62019		A line of		31.03.2		()	Rs. in Crore
Particulars	Power	Irrigation	Flood Control	Subsidiary Activities	Multipurpose Dams	Over head Activities	Total	Power	- Irrigation	Flood	-	Multipurpose		Total
Supply of Power Supply of Water	21,799.31	- 305.91		-	-	-	21,799.31	17,197.34			-	Dams	Activities	17,197.34
fotal	21,799.31						305.91		253.74		-		-	253.74
Notes					-		22,105.22	17,197.34	253.74		-	-		17,451.08

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.



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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
- WBERC has issued tariff order dated 05.05.2022 for the period F.Y. 2017-18 which has become effective from the date f) 01.04.2017 to till date of next tariff order of WBERC.
- While issuing true up tariff order for the period 2009-14 and provisional tariff order for the period 2014-19 in respect of the g) 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

B. Revenue from Operation- Power

		(Rs. in Cron
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
fotal	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
- Amount to the extent recoverable from the beneficiaries / consumers in subsequent periods as per CERC & WBERC Tariff Orders F 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.



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24. Other Income

For the year ended				31.03.202	2	Contraction of the	2 4 12	Contraction of the	ALCONT OF	Antik	-		(Rs. in Cror
		Denter	1000		1200	Participation of the		-			31.03	3.2021	State Bar	
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			
a) Interest											0.05		0.01	0.0
from Employees Loan and Advances	0.12			s.		0.06	0.18	0.20					0.00	
rom Non Current nvestment	1.15	-					1.15	0.28					0.08	0.2
ntt on IT Relund	0.40	-	-										-	0.2
ntt on Adv to Con-	-						0.40	12.33		-		-	-	12.33
actors & Suppliers	0.17							0.02	-	-	-	-	1 A.	0.02
eposit		-	-	-	-	-	0.17	0.21	-	-		-	-	0.21
it on CLTD	0.05	-	+	-		-	0.05	0.28						
om Others	1.84	-	-						-	7	-		0.01	0.29
Dividend	-						1.84	1.84	-	-	-	-	-	1.84
vidend - Non Cur-	19.90	-	-	-			10.00	-						
nt Investment		_			-	-	19.90	110.11	-	-	-	-		110.11



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24. Other Income

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For the year ended		R L	-	31.03.2	022		The se		-		31.03.202	1		s. in Crore
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	•			A SCHOOL ST			
d) Other non-operat-							-							
ing Income Delay Payment Surcharge	562.32	9.63					571.95	1,136.56	-					1,136.56
Income from Service Charges	59.32	-	ž		.+		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)		-			A. 1999 (1999)	
Capitalized	(4.34)					-	(4.34)	(1.21)				•		(0.09)
Total Share	22.51	1.35	1.44	(0,40)	(3.80)	(25.60)					-			(1.21)
Total - Direct & Share				(0.40)	(3.80)	(25.60)	(4.40)	9.17	0.09	0.09	(0.03)		(10.61)	(1.29)
onal officer a blight	313.23	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.



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25. Cost of Power Purchased

For the year endec				31.03.2	022						31.03	.2021		(Rs. in Cro
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
cheduled Pur- hase	700.12	-												
ransmission &	151.71						700.12	538.70	-	-			-	538,7
eactive Charges				-		+	151.71	130.60	-		-			
mport	159.05	-	-				150.00						-	130.6
irchase of Power	342.19	-	-	-			159.05	80.64	-	-	-	-	12	80.6
ough Exchange					-		342.19	64.65	-	-				
4	1,353.07	-	-									-	-	64.6
	-]	1	-	1,353.07	814.59						

26. Cost of Fuel

For the year ended		12/22		31.03.20	022	Sec. 1	Contraction of the	and the second second		and all shows			(R	s. in Crore
Particulars	Power	Irrigation	Flood	Subsidiary	Multipurpose	Over head	1	di sati			31.03.20	21		
Consumption	and the second second	Contraction of the	Control	Activities	Dams	Activities	Total	Power	Irrigation	Flood	Subsidiary	Multipurpose	Over head	
Coal	11,042.75	-								Control	Activities	Dams	Activities	Total
Dil	127.14						11,042.75	9,681.91						
otal	11,169.89	-					127.14	51.70						9,681.91
	and the subscription of the subscription of		1		4 4	-	11,169.89	9,733.61						51.70
								and the second division of the second divisio		-		-	-	9,733.61



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27. Employee Benefit Expenses

For the year ended	and and the state		A Percel	31.03.2	022	Side Sale	ALCONT OF	Contractory of the	and the second	Contraction of the local division of the loc	Contraction of the		(Rs. in Cro
Particulars	Power	Irrigation	Flood	Subsidiary	Multipurpose	Over head		and a second		State U	31.03.2	021		all south
Salary, Wages & Allow- ances			Control	Activities	Dams	Activities	Total	Power	Irrigation	Flood Control	Subsidiary Activities	Multipurpose Dams	Over head Activities	Total
Basic Pay Dearness Allowance House Rent Allowance Field Compensatory Allowance Other Allowances	461.69 128.30 18.27 38.82	0.66 0.18 0.03 0.05	0.22 0.06 - 0.02	5.71 1.58 0.29 0.46	4.08 1.10 0.17 0.43	72.16 20.79 10.99 2.62	a comment	80.03 17.18	0.75 0.12 0.03 0.06	0.29 0.05 - 0.02	6,30 1.05 0.31 0.54	4.91 0.76 0.15 0.51	79.08 13.13 10.78 2.85	575.1 95.1 28.4 44.1
ub Total	163.85 810.93	0.13	0.03	1.42 9.46	1.21	23.39	190.03	103.98	0.14	0.15	1.65	1.10	20.38	127.4
ontribution To Provi- ent Fund	28.02	0.05	-	0.13	6.99 0.43	4.51	958.71 33.14	725.10	1.10	0.51	9.85	7.43	126.22	870.2
	734.00		-	-	-	-		35.32	0.02	-	0.13	0.56	4.58	40.6
PF-GPF Interest wable				-		70.24	70.24	-	-	-	-	-	-	410.82
ss: Interest Recover- le on Investment		-		-	-	(59.98)	(59.98)	-	-	1			78.69	78.69
o Total	762.02	0.05	-	0.13	0.43	14.77	777.40	446.14	0.02			-	(61.65)	(61.65)
						A DESCRIPTION OF TAXABLE PARTY.			0.02	-	0.13	0.56	21.62	468.47



27. Employee Benefit Expenses

For the year end	ed			31.03.20	022	COLUMN T	Sillinger		Sector Sector	No. of Concession, name	-	and the second		(Rs. in Cr
Particulars	Power	Irrigation	Flood	Subsidiary	Multipurpose	Over hea	-	3 2312	14	Ser and	31.03.2	021	Summer of	200
Welfare Expenses		inigation	Control	Activities	Dams	Activitie	Takat	Power	Irrigation	Flood	Subsidiary Activities	Multipurpose	The second s	Total
Staff- Welfare Compensation	14.68 4.90	-	-		0.19	9.:	26 24.1	3 16.07			Activities	Dams	Activities	Iotar
Consumables -Medicine and	27.27	0.05	-	0.44	0.22	0.1		0.05				0.15	7.19	
Medical Reim- bursement									0.02	0.01	0.32	0.20	36.16	
Sub Total	45.85	0.05		0.44	0.41	64.7								
Provision- Employ- ees Remuneration	1				0.41	54.7	4 102.4	9 35.57	0.02	0.01	0.32	0.35	43.53	79.
Provision- Com- pensation on Compassionate	98.31			-	-		- 98.3		-	-	-			
Ground Provision for	391.00													
PRMAS (Post Retirement Medical Assis-	051.00			-	-		- 391.00	-		-	-	-		
tance Scheme)							-							
Provision for Leave Encash-	202.10	-		-			202.10	4.52	-	-			•	
ment Ib Total	691.41											-	-	4.5
tal Direct Emp st	2,311.21	1.15	0.33	10.03	7.83	199.46	691.41 2,530.01	4.52 1,211.33	1.14	0.52	-	-	-	4.52
of Emp. Rem. Inter Head	100.00									0.52	10.30	8.34	191.37	1,423.00
Transfer Bermo	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)	
CSO	(7.12)			-	-	-	(7.12)	(9.15)						
Capitalized I Share	(72.41)	-	-	-	0.10	-	(0.22)	(0.25)	-]		0.14	-	(9.15
	116.24	3.89	2.85	(10.03)	(7.83)	(199.46)	(72.41)	(73.32)	-	-	-		1	(0.11
I - Direct &	2,427.45	5.04	3.18	-	17.05		(94.34)	119.87	4.21	3.35	(10.30)	(8.34)	(191.37)	(73.32)
0					1	1	2,435.67	,331.20	5.35	3.87	-		1232.371	(82.58)



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1,340.42

28. Finance Costs

For the year ended	2.13			31.03.202	2	Sec. 1							(6	s. in Cron
Particulars	Power	Irrigation	Flood	Subsidiary	Multipurpose	Over head					31.03.202	11		s. in cron
Interest on		No. of Concession, Name	Control	Activities	Dams	Activities		Power	Irrigation	Flood	Subsidiary	Multipurpose	1-	and a start
Banks	471.41								Barrott	Control	Activities	Dams	Over head Activities	Total
Others	17.72	-		-			471.41	609.27						
Sinking Fund	245.13			-			17.72	10.49			-		Ť	609.27
ferm Loan	801.51				-		245.13	208.89	-		1	-	-	10.49
londs	635.14			0.16	-	-	801.51	903.59			*	-	-	208.89
apital	6.98	1.44	0.60		-	+	635.30	635.14			0.18	-	-	903.59
b Total	2,177.89	1.44	0.60	0.16	-	-	9.02	6.98	1.44	0.60	0.18	-	-	635.32
1. A.		-		0.10	-	- 3	2,180.09	2,374.36	1.44		-	-	+	9.02
									4,444	0.60	0.18	-	-	2,376.58

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28. Finance Costs

For the year ended		A STATE		31.03.20	22		1000		The states			12 10 10 10 10	(Rs	. in Cror
Particulars	Power	Irrigation	Flood	Subsidiary	Multipurpose	Over head	1		1		31.03.202	1	A-R	
Other Borrowing Cost			Control	Activities	Dams	Activities		Power	Irrigation	Flood Control	Subsidiary Activities	Multipurpose Dams	Over head Activities	
Bonds Servicing Expenses	0.19				-		0.19	0.19					-	0.1
Guarantee Fee	86.35	-			1.4		86.35	103.30						
Other Misc Borrowing Expenses	75.75	-	-		-		75.75	39.32		-				103.3 39.3
Ipfront ees	0.59	-		-			0.59							
ub Total	162.88	-	-		-		162.88							
penses	2,340.77	1.44	0.60	0.16			2,342.97	142.81	-	*	•	-	-	142.81
er Head	0.13			(0.15)			2,042.97	2,517.17	1.44	0.60	0.18	-	-	2,519.39
nsfer			1	(0.16)	-	-	(0.03)	0.30	(0.02)	-	(0.18)			14.15
al Share	0.13	-	-	(0.16)	-		(0.03)	0.00		() ()		1	1	0.10
al - Direct hare	2,340.89	1.44	0.60	-				0.30	(0.02)	-	(0.18)	-	-	0.10
THE REP.						1	2,342.93	2,517.47	1.42	0.60	-	-		2,519.49



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29. Operation & Maintenance and General Administration Charges

For the year ended	In File of	and the second	Color Land	31.03.20	22	Lings	ales and		Carlos St		31.03	2021	2 Carlos	all and a second
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 & Maintain- ance														
Bulidings	56.60			2.98	1.18	1.50	62.26	56.24			1.22	0.82	1.41	59.69
Plant & Machinery	220.74	14		6.17	-	0.13	227.04	194.73			7.70		0.13	202.56
Construction Equip- ment	8.22					-	8.22	7.80	-				2	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	-	14	0.17	0.05	1.01	4.95	5.49			0.21	-	1.09	6.79
Ash Evaquation and Utilization Expenses	166.28	-			~	÷.	166.28	150.20		-			-	150.20
Telephone Charges	1.18		i i	0.01	0.01	0.21	1.41	1.15		-	0.01	0.01	0.21	1.38
Official Language Promotional Exp	0.08	-	1	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	1.2	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 Protec- tion and Other State Cess	0.68	-	-			×	0.68	0.02					8	0.02

(Rs. in Crore)

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

29. Operation & Maintenance and General Administration Charges



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29. Operation & Maintenance and General Administration Charges

For the year ended		Call Care		31.03.20	22		IN STATISTICS	Sec. Sec.		-	31.03.20	121	ths	. in Cror
Particulars	Power	Irrigation	Flood Control	Subsidiary Activities	Multipurpose Dams	Over head Activities	Total	Power	Irrigation	Flood	Subsidiary Activities	Multipurpose Dams	Over head Activities	Total
Publicity & Adver- tisement	1.10	-	-	0.01		1.19	2.30	3.34		-	0.01	Dallis -	0.35	3.70
Entertainment	0.38	1			0.02	0.64	1.04	0.22				0.01	0.16	
Outsourced Comput- erised Job	0.01	÷	-		*		0.01	0.01		-		0.01	0.16	0.39
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 Con- sultancy Charges	0.07	-	۰.			0.18	0.25					4		
Brokerage and Com-	12.39		3				12.39	12.02	-			-	-	12.02
Meteorological Centre Expenses	-	3.71	-	-	-	-	3.71	-	2.80		-	-	_	2.80
oss on Sale of Fixed ssets - written Off	0.48		-		-		0.48	-			-			-
ad Debts - written ff		32.30	-	-		-	32.30		-					
fritten off losses others	0.41	-					0.41	-	-			-	-	
otal 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

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29. Operation & Maintenance and General Administration Charges

For the year ender		1000		31.03.2	022	and the second se	N COLORED			and the second	1000		(F	Rs. in Cro
Particulars	Power	Irrigation	Flood Control	Subsidiary Activities	Multipurpose Dams	head	Total	Power	Irrigation	Flood	31.03.2 Subsidiary	1	Over he	ud
Provision for Loss O	n .					Activities		and the states of		Control	Activities	Dams	Activitie	
Fixed Assets Provision for Doubth								- 11.20	3					- 11.2
Claims and Advance (Rev Exp)	ul 155.47 s	Î		-			155.4	7 0.13	19.32	-	-			- 19.4
Provision for Doubtfu Debts (Rev Exp)	u	-		-				- 0.03						
Provision for Short-	1 -										- · · ·			- 0.0
age/ Obsolescence in stores (Rev Exp)								0.02	.	· ·	-			- 0.0
Provision for Dim- inution in value of Investment	-	-	2					0.01		-				0.01
Total Provisions	155.47	-	-											
Sh of O&M Exp.							155.47	11.47	19.32		-			30.79
Transfer to Fuel	(18.10)		-	-			(18.10)	(19.01)				-		30.75
apitalized	(16.31)		-		1					-	-		1	(19.01)
SO	(0.51)					-	(16.31)	(15.58)		-				(15.58)
lermo	(3.52)			-	0.01		(0.50)	(0.60)	2	-		0.01		
nter Head Transfer		-	1	2	+.	-	(3.52)	(2.34)	-			0.01	1	(0.59)
	108.30	4.34	4.41	(14.53)	(10.93)	(91.63)	(0.04)	106.43	2.55		-	-		(2.34)
otal Share	69.86	4.34	4.41	(14.53)	(10.92)	(91.63)			3.66	4.24	(13.89)	(8.38)	(92.06)	-
tal - Direct & Share	1,635.75	40.39	4.41		(10102)		(38,47)	68.90	3.66	4.24	(13.89)	(8.37)	(92.06)	(37.52)
					-	-	1,680.55	1,391.95	25.78	4.24				1,421.97

Disclosure

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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.

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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 awarness 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.

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 x 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.

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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 calender 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 -Exuctives 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 diagonistic test for pre-operative and post operative period. During the FY 2021-22 Corporation has provided a liability of Rs 391 crore as per

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 Maithon Power Limited DVC EMTA Coal Mines Ltd. Damodar Valley Tourism Development Company Private Ltd. Bokaro Power Supply Company (P) Limited National High Power Testing Laboratory Private Limited

2. Key Management Personnel Arup Sarkar (Member Finance) Sanjay Kumar Ghosh, ED (Fuel) Sajal Banerjee, ED (Operation) Sudhir Mukherjee, ED (Mining) 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:

Related Party	Contracts for works/ Service rendered by th Corporation	S Loan/		Purchase of Power/ Coal	Sale of Power	Sale of Water	Recoverable for Contracts for Works/ Services	Payable for Contracts for Works/	Recoverable on account of deputation of	Payable for Purchase	Recoverable for Sale of	(Rs. in Cro Recoverabl
Maithon Power Ltd	3.98	Nil	0.00	423.14	0.37	21.95	rendered	Services received	employees	of Power / Coal	Power	Water
Previous Year	0.18	Nil	46.80	261.66	1		0.14	Nil	Nil	58.52	0.19	3.43
DVC EMTA Coal Mines	Nil	Nil	Nil	261.56 Nil	0.44	16.91	25.71	Nil	Nil	56.56	0.17	
Ltd.					Nil	Nil	Nil	Nit	Nil	Nil	Nil	3.27 Nil
Previous Year	Nil	Nil	Nil	Nil	AUT						1998.00	in i
Damodar /alley Tourism	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil
Development Pvt. Ltd					Na	Nil	Nil	NII	Nil	Nil	Nil	Nil
revious Year	Nit	Nil	Nil	Nil								
okaro ower Supply	Nil	Nil	12.44	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil
ompany (P) mited					141	Nil	Nil	Nil	Nil	Nil	Nil	Nil
evious Year	Nil	Nil	55.81	Nil	Nil	Nil						•
itional High wer Test	1.84	18.40	Nil	N/11		Nil	Nil	Nil	Nil	Nil	Nil	Nil
borato- Private nited							1.62	Nil	Nil	Nil	Nil	Nil
ious Year	1.84	18.40	Nil	Nil	ALC: N							
				i i i	Nil	Nil	1.74	Nil	Nil	Nil	Nil	

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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.	31.03.2022 (Rs.
Maithon Power Limited	Lukii)	per Share)	in crore)
Bokaro Power Supply Company (P) Limited	3923.20	10	392.32
DVC EMTA Coal Mines Ltd	1240.25	10	124.02
Damodar Valley Tourism Development Company Private Limited	2.60	10	
National High Power Test Laboratory Private Limited	0.25	10	0.26
e and, rest Laboratory Private Limited	304.00		0.03
	504.00	10	30.40

Disclosure

Proportion of Ownership Interest in Joint Ventures

Joint Venture Entities

2

ther Notes	20	20
National High Power Test Laboratory Private Limited	50	26 50 26 50
Damodar Valley Tourism Development Company Private Limited	26	
DVC EMTA Coal Mines Ltd	50	
Bokaro Power Supply Company (P) Limited	26	
Maithon Power Limited	31.03.2022	31.03.2021
Proportion (% age) of ownership interest as on	21.02.0000	

Other Notes

- 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 beeen 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.
- 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)
- 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).
- 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.
- The value of assets does not include the interest bearing securities deposited by the contractors and others and not accounted for in Financial Accounts.



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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 Ioan 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 Ioan 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 cumualtive Interest of Rs 3.90 crore.

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- 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
- 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 by the DVC Board in March 2018. M/S Deloitte was engaged for preparation of due dilligence study report the project. Agency submitted revised final report in July 2019. DVC is actively considering for revival of
- 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...

Annual Financial Statement 2021-22

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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

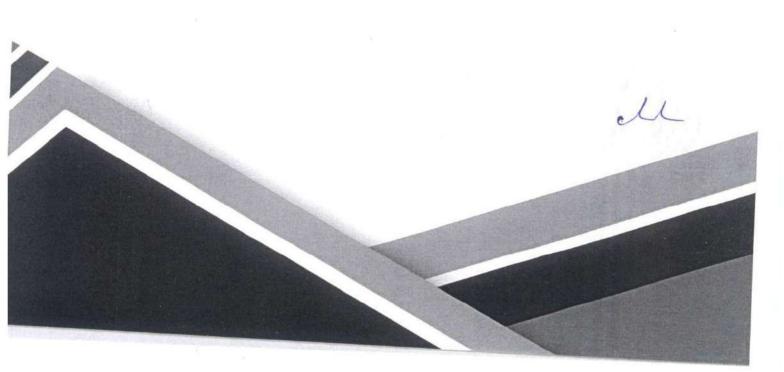
- i. In respect of claims made by various States/Central Government departments /Authorities towards fees, penalty, tax, cess etc. and by others contingent liability of Rs. 25.46 crore (previous year Rs. 407.06 crore) has been estimated.
- ii. In respect of claims made by various Private Companies /Private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

trachar Arup Sarkar

Member (Finance)

Chairman

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



MANAGEMENT REPLY TO AUDIT COMMENTS FOR THE FINANCIAL 413

AUDIT COMMENT	
 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 the DVC. This has also resulted in overstatement of Trade Receivables by the secure of the secure of	and duly accounted for in FY 2022-23. The remaining balance amount will be accounted for in
 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. 	 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.
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.	 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. (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.
	2022-23. As soon as the refund is received from PNB, the same will be accounted for accordingly.

AUDIT COMMENT	MANAGEMENT DEDUX
 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 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 December of Dec	Regulatory Commission vide order dt 05-05-2022 h admitted the total power purchase cost which was claime by DVC in respect of FY 2017-18. So factually that the is no uncertainty of recovery of the power purchase co
Current Assets (Unbilled Revenues) by ₹ 24.63 crore each.	
Other Income (Note 24)	
Delay Payment Surcharge (DPS): ₹ 571.95 crore 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.	B. 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. 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.
	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.

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AUDIT COMMENT 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

 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.

MANAGEMENT REPLY

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.

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.

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.

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.

However, during FY 2022-23, BRS has been prepared and necessary entry for purchase of power has been passed.

AUDIT COMMENT

- Operation & Maintenance and General Administrative 5. Due to cloud burst in Mejia Thermal Power Station (MTPS) Charges (Note 29)
- Ash Evacuation and Utilisation Expenses: ₹ 166.28

 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.

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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
- 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 fourmember committee comprising of:

- 1. Regional Officer, MoEF&CC.
- 2. Regional Officer, Central Pollution Control Board
- 3. Officer from West Bengal Pollution Control Board and

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

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

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AUDIT COMMENT Notes to Accounts	MANAGEMENT REPLY
5 (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.	 6 (a). Electricity bills to the West Bengal firm consumers arraised as per order of Hon'ble WBERC dt. 05.05.2022 A section of consumers has moved to the Calcutta Hig Court against the order. The Hon'ble Court ordered than o coercive action can be taken for non payment of th arrear bill till final judgement but regular bill is to b paid by the consumers. The regular bill is being raise based on the Tariff order dated 05.05.2022. The final verdict is yet to come. As on date, some consumers have paid their arrear bills hence the same has not been disclosed
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	 6 (b) In the PPA with BYPL there was no clause regarding payment appropriation methodology. In 2021, MOP has issued order of appropriation methodology. Inheren meaning of the order of MOP is that DPS bills will be adjusted first then Power bills. In this regard the decision of the Constitution Bench or the Hon'ble Supreme Court in Gurpreet Singh vs. Unior of India and Others (2006) 8 SCC 457 also emphasized in adjustment of DPS first. DVC had signed the long term PPA on 24.08.2006 with
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.	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.
	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.
	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.
	Moreover, the matter is subjudice before CERC. Necessary adjustment in the accounts will be made after final verdict of the court with proper disclosure.

ANNEXURE-24

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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.

Versus

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

.... Petitioner

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...Respondent(s)

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Order in Petition No. 482/TT/2020

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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 is 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	2000.04			(₹ in lakh)
		2020-21	2021-22	2022-23	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		(₹ in lakh)			
	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%	0.0000
Rate of Return on Equity (Pre-tax)	15.500%	15.500%	15.500%	15.500%	0.000%
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:

	1				(₹ 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:

Destinutes				(3	tin 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:

Particulars	004445			{₹ in lakh)	
	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



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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 Allo	wed: -				00007.20
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	2020.04		1	(₹ in lakh)
A. Annual Fixed Charges:-	2019-20	2020-21	2021-22	2022-23	2023-24
Depreciation	0.00	1			
Interest on Loan	0.00	878.65	2890.96	967.42	475.21
	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	
Sub Total (A)	40716.95	43080.67	46300.74		34297.16
B. Additional Expenses Allowe	d: -	10000.01	40300.74	45420.66	46118.10
Common office expenses					
apportioned to T&D network	113.35	121.65	123.18	105.93	96.56
DVC's share of savings in			0.000	100.00	30.00
interest cost due to loan	10.05	17.10			
restructuring	12.85	17.13	11.09	5.84	4.27
CISF & Other Security Expenses	0000.00				
SubTatal (D)	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/-	sd/-	sd/-
(P. K. Singh)	(Arun Goyal)	(I. S. Jha)
Member	Member	Member
Order in Petition No. 482/TT/2020	CERC Website S	Page 5 of 5

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

- West Bengal State Electricity Distribution Company Limited Block 'DJ' Sector-11, Salt Lake City Kolkata – 700 091
- 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 in Petition No. 205/GT/2020

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) Regulatory Commission (Terms and Conditions 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 *P*etitioner 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 64			(Rs. in lakh
Depreciation			2021-22	2022-23	2023-24
Interest on Ioan	0.00	0.00	0.00	132.66	243.55
	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		1646.97
O&M Expenses	6921.60	7165.20	7415.10	7677.60	
Water Charges	583.90	640.54	704.59	775.05	7946.40
Security Expenses	501.48	523.54	546.58		854.89
Sub-total (A)	13192.20	13401.21	13627.10	570.63	595.74
Share of P&G	0.00	0.00		14138.50	14643.04
Share of Common Office	28.49		0.00	0.00	0.00
Expenditure	20.49	28.00	27.80	27.78	25.37
Ash evacuation	353.44	368.99	385.23	400.40	
Mega insurance	0.00	0.00		402.18	419.88
Subsidiary activity	0.00	-	0.00	0.00	0.00
Sub-total (B)		0.00	0.00	0.00	0.00
Total Annual Fixed	381.93	396.99	413.03	429.96	445.24
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

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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

- West Bengal State Electricity Distribution Company Limited, (Previously West Bengal State Electricity Board), Vidyut Bhawan, Block `DJ', Sector-11, Salt Lake City, Kolkata-700091.
- 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 in Petition No. 713/TT/2020

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ORDER

The Petitioner, Damodar Valley Corporation, has filed the instant petition for truing-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;

Order in Petition No. 713/TT/2020

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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:

	Ac	set-I			(₹ in la
2015-16 (Pro-rata 327 days					
823.01	and the second se	16-17	20	17-18	2018-19
	97	9.70	99	96.03	981.24
					(₹ in Ial
2015-16 (Pro-rata 184 days)		set-II			1.0.00
769.84			2017-	-18	2018-19
705.04	1500).84	1517.	90	1533.70
					March 1
0044	Ass	et-III			(₹ in lak
2014-15 (Pro-rata 21 days)	2015-16		16-17	2047.40	
4.16	71.38			2017-18	2018-19
	. 1.00	1	3.92	77.20	75.34
2014-15 (Pro-rata 186 day		et-IV			(₹ in lak
2.80		15-16	2016-17	2017-18	2018-19
2.00	4	0.40	73.65	71.01	70.23
	A	4.14			(₹ in lak
2017-18 (Pro-rate 222	Asse	et-V			(₹ in lakł
2017-18 (Pro-rata 328 o 63.85	Asse lays)	et-V		2018-19	(₹ in lakł

2019-20	2020.04			(₹ in lakh
	2020-21	2021-22	2022-23	
2480.83	2380.52			2023-24
	2000.02	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

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sd/-(Arun Goyal) Member

sd/-(I. S. Jha) Member

sd/-(P. K. Pujari) Chairperson

Order in Petition No. 713/TT/2020

CERC Website S. No. 124/2022

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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



ll

VOLUME-I

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Petition No....

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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1.	Affidavit	1.1.0
2.	Authorization Letter	1-2
3.	Document of serving copy to the respondents	3
4.	True Up Petition in respect of approval of final tariff for Durgapur Thermal Power Station, Units 3 and 4 (350 MW) for the tariff period 2014 – 19, and Tariff Petition in respect of determination of provisional tariff for Durgapur Thermal	4 5-31

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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



de

Name of the Generating Station : Place (Region/District/State):	Damodar Valley Corporation Durgapur Thermal Power Sta Burdwan, West Bengal	Damodar Valley Corporation Durgapur Thermal Power Station Unit 4 Burdwan, West Bengal						PART-1 FORM-1
Sr. No. Particulars								
6	Unit	Form references	Existing 2018-19	2019-20	2020-21	2021-22	26 11 72	
	3	A New Party and a second second	4				67-7707	2023-24
T	tions 28, 30, 31, 32	.33. 34. 35 of the CEDC	L'ILLER TO THE	c	9	L	. 80	0
Depre	ReTakh	WWY DHI IN CO LI AL	T CLINS	litions of Tariff)	Regulations, 2019, to be recovered on the horizon and in the	. to he recovered	an the house of	
A.2 Interest on Loan	Relach	rorm 12	116.82	442.83	514.00	0.40	du tue DASIS OI 2	vauability
A.3 Return on Equity ¹	DeTald	rorm N	0.72	12.81	12.53	000	11.49	12.51
A.4 Interest on Working Conited	UNET SV	· Form 1 (I) & (II)	1,950.94	1.979.48	UL SUN C	7710	97.0	0.09
1	Rs Lakh	Form O	2.138.17	1 02 202	N/:CON'7	2,006.15	2,007.06	2,007.67
	Rs Lakh	Form 2 & Form 3	6.407.10	401 ED X	1,942.25	1,957.28	1,981.51	2,010.30
Г	Rs Lakh	Form 19	16 171	0°172'0	7,165.20	7,415.10	7,677.60	7.946.40
Т	Rs Lakh	Appendix-2	10101	583.90	640.54	704.59	775.05	854 00
1	Rs Lakh	Annendiv-1	4,044.18	2,740.28	2,860.86	2,986.75	3 1 1 8 1 8	0.400
A.9 Compensation Allowance (If applicable -	B-1-14	I-VININ/der	2,014.79	1,995.00	1,995.00	1,995.00	1.995.00	00 200 1
relevant for column 4 only)	KS Lakn		•		Not and inchi-			Winks is
Sub-total: A	RsLakh				and approaute	And appricants as per 2019 I arift Regulations	cgulations	
Cost components as per Regulation 35(1)(6) and 61(1) of the CERC (Terms	5(1)(6) and 61(1) of	the CERC (Terms and	15,414.63	16,598.29	17,136.08	17,074.57	17,572.17	18,082.25
Control of Suaring Dasis			of the DVC Act, to be	ut) negulations	zuly, Subsequent	CERC/Court Or	ders, and the DV	/C Act, to be
Capital Spares	Rs Lakh		116 00					
UVC's share of savings in interest cost	RsIskh	A	10.011		Will be claimed on actual basis at the time of truing up	ctual basis at the tim	e of truing up	
Share of P&G		8-Xibiaddy		0.59	0.58	0.01	0.01	0000
Share of Common Office Expenditume	KS Lakh	Appendix-3	376.12	782.55	810.24	00000		
Expenses for Ach Pramintion Man	KS LAKh	Appendix-5	37.70	41 30	40010	68./08	898.18	940.40
Insurance and Subsidiary Activities	Rs Lakh	Annendix-6		0000	44.32	44.88	38.60	35,18
Sub-total: B	D-Y-10	Commidde.	112.08	620.43	643.30	666.85	691.55	716 96
Grand Total (A+B)	D- Y -14		641.97	1,444.87	1.507.53	1 800 80		00001
	TARKI		16,056.60	18,043.16	18.643.62	19 644 1C	1,628.34	1,692.54
t	· · · · · · · · · · · · · · · · · · ·					107.440.01	15707-61	04 477 01

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Petition No

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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 MEJIA 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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1. m	Station Unit – 1-3 for 2019-24 period	4-47



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

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FOR DETERMINATION OF TARIFF FOR 2019-24 IN RESPECT OF MEJIA THERMAL POWER STATION UNITS 1, 2 & 3

PART-I

Annexure-2



6 3019-20 2020-21 2021-23 2022-33 20 0 Conditions of Tarrift Regulations, 2010, to be recovered on the basis of variable	. a Theoreman		-						FORM-	
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21.43 13.17 2.66.13 2.66.873 6.43.679 20.10 2.66.13 2.66.13 2.66.13 2.66.13 20.10 2.67.13 2.66.13 2.66.13 2.66.13 20.10 2.531.16 2.541.13 2.371.06 20.10 2.71.13 2.31.16 2.56.13 2.357.16 21.10 2.71.61 2.195.79 2.371.06 21.10 2.71.13 1.291.61 2.11.377 2.377.06 21.11 4.136.52 4.356.23 4.31.13 2.377.06 21.11 Acgust 2019 1.957.949 1.957.949 2.77 21.11 Acgust 2019 2.11.377 2.13.77 2.13.71 21.11 Acgust 2019 3.11.13 2.146 2.77 21.11 Acgust 2019 3.11.13 2.146 2.77 21.11 Acgust 2019 3.13.137 4.50.036 2.77 21.11 Acgust 2019 3.11.13.83 1.146 2.77 21.11 1.13.84 1.13.84 1.13.83 2.77 21.12.19 1.23.14 4.73.99.46 2.71 1.17.81 21.12.19 1.23.14 4.73.99.46 2.94.51 2.77 21.13.18 1.13.83.64	bepreciation	Sul-	32, 33, 34, 35 of the	CERC (Terms and C	andletone . er	9	· · L	8	PT-5707	
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236 175171 1.272.00 22.4530 23.02.80 1.371 2.171 2.171	Curity Expenses	Rs Lakh	Form 10	19		21.405.00	5,671.04	5,757.00	1.000,01	
5.95 1540.00 1.013.11 2.235.15 2.235.15 5.00 Not applicable as peri 2019 Trriff Regulations 1.995.00 1.133.40 6.1 9.05.10 1.905.00 1.133.40 1.133.40 6.1 41.566.33 43.211.27 46.509.39 45.608.66 0.1 1.356.33 43.211.27 46.509.39 45.608.66 0.1 1.356.33 43.211.27 46.509.39 45.608.66 0.1 1.357.1 45.500.39 45.500.36 277 33 1.46 1.57 1.85 2.77 33 2.313.66 2.373.56 2.694.33 2.77 31 2.348.14 1.585.44 1.1738.26 1.77 31 2.348.14 1.355.44 1.1738.26 1.157.96 31 1.158.15 1.585.64 1.655.74 1.1738.26 31 1.138.16 1.585.64 1.055.74 1.1738.26 310 6.51.1 1.585.64 1.057.64 1.1738.26 310	ecial allowance (If and in the	Rs Lakh	C vibrout	562.86		100.024/12	22,245,30	23,032.80	73 810 7	
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5.00 Not applicable as per 2019 Triff Regulations 247 41,366,32 43,211.37 46,509.29 45,600.86 27 41,366,32 43,211.37 46,509.29 45,600.86 31 1.46 1.37 46,509.29 45,600.86 32 2147.66 2438.00 277 277 33 1.46 1.37 1.88 2.77 33 1.46 1.37 1.83 2.77 33 2.148.14 4,178.19 4,365.41 1,178.30 399.181 1.585.64 1.635.41 1,178.30 2,77 399.181 1.585.64 1.635.43 1,178.30 2,77 399.181 1.585.64 1.635.54 1,178.30 2,77 39.991.81 1.585.64 1.635.54 1,178.30 2,77 39.991.81 1.785.54 1,178.19 4,361.34 4,341.34 30.0 0.0 1.635.54 1,178.30 2,00.21 5 30.0 0.0 1.939.46 5,0,0	evant for column 4 only.	· Relath	Tavininda			1,000,10	1,679.49	1,753.40	1.830.5	
AT Total applicable as per 2019 Tariff Regulations of Tariff) Regulations 2019, Subsequent CERC/Court Orders, and the DVC A. 31 0.135.12 49.201.27 46.569.39 49.608.86 33 1.46 1.57 1.55 2.77 2.77 33 1.46 1.57 1.65.50 2.694.33 2.77 33 1.46 1.57 1.55 2.77 2.77 35 2.347.66 2.458.64 1.578.26 2.694.33 2.77 31 1.585.64 1.555.6 2.694.33 5.77 5.77 39 1.46 1.585.64 1.573.2.0 2.77 5.77 39.91.81 1.585.64 1.553.41 1.778.26 2.77 5.77 39.91.81 1.585.64 1.655.41 1.778.26 2.41.532.1 5 11.778.26 3.937.474 3.41.502.1 5 5 5.41.34 5 5 5 5 5 5 5 5 5 5 5 5 5 <	th-fotal: A	1		525.00		Mar a ri	00'566'1	1,995.00	3,990.00	
of Tariff) Regulations 2019, Subsequent CERC/Court Orders, and the DVC A. 32 Will be claimed on actual basis at the time of truing up 33 1.46 1.57 1.85 2.77 33 2.473.66 2.473.56 2.694.33 31 1.46 1.57 1.85 2.77 32 2.477.66 2.656.45 2.694.33 31 1.46 1.573.56 2.694.33 32 2.347.66 2.657.45 1.778.26 33 1.518.81 1.585.64 1.655.41 391.81 1.538.64 1.655.41 1.778.26 3991.81 4.7399.46 50.874.74 54.130.21 391.81 1.738.36 2.677.36 5.694.33 391.81 1.738.36 2.677.34 54.13.21 391.81 4.7399.46 50.874.74 54.13.21 301.6 0.05.45 0.05.45 50.874.74 301.6 0.05.45 0.052.46 1.728.36 130.6 0.05.4 1.653.46 1.728.36 130.6 0.05.4 0.054.66 130.7 0.054 130.6 0.56 130.7 0.66 130.7 0.66 10.95.7 0.66	ast components as per Repulsion 26	Rs Lakh		38.879.47	11 222.24	Not applicable i	as per 2019 Tariff.	Regulations		
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79 1,518.81 1,253.64 115.79 21 3,991.81 1,385.64 1,655.41 1,728.26 21 3,991.81 4,789.45 4,365.45 1,728.26 25 3,991.81 4,7399.46 50,874.74 54,150.21 5 able for C.1 to C.4. Consolidated figures are provided in C.1a, C.1b and C.1c. 3,91.20 3,91.20 0,95 able for C.1 to C.4. Consolidated figures are provided in C.1a, C.1b and C.1c. 3,91.20 0,95 0,95 100% 0% 0% 100% 0% 0% 0%	France and Sub-idiant Activity	DeTate	C-XIDUDddy	113.11	123.89	102021	2,573.56	2,694.53	7 871 10	
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And the function of the person in the prediction of the person of the p	of Fuel Quantity	(%)						TTOCINC	59,072.00	
Ifend (County Decision	oved by beneficiarion	Belton								
ad Pael Coart (contigan RULNCHingto) (4) Enter Figh. Break-up is not available for C.1 to C.4. Consolidated figures are provided in C. Is, C.1b and C.Is, <u>Pleal Coart Imported Coalt offer than RuT on</u> <u>Pleal Coart (monted) Rut on and the rut on and the rut of </u>	of Fuel Quantity	UO1 ASV	•						1	
Image Description Betakenp is not available for C.1 to C.4. Consolidated figures are provided in C. In, C.1.b and C.1.e, C.1.b and C.1.b and C.1.b and C.1.e, C.1.b and C.1.b	ed Fuel Cost (coal/gas /RL NG/limital)	(%)								
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E A A A A A A A A A A A A A A A A A A A	f Fuel Quantity	UNI IOU	(IBON) CLANICS	Not applicable			100%			
E A A A A A A A A A A A A A A A A A A A	d Fuel Cost (Oil)	RelkT	-	0.00%		Not	applicable			
S S S S S S S S S S S S S S S S S S S	Cheve B	P/Unit	Form-15 (Oil)	56,214.05			. %0			
S S S S S S S S S S S S S S S S S S S	Cuarge Kate ex-bus	There is	Appendix-5	5,62		47	,263.46			
So and a second se	The second se	ryUnit	Appendix-5	260.57			2,36			
In the per Regulation 43.	culations, considering equity as per regular is used simultaneously, give 2 in respect of nergy charge shall be computed for open cy I fred plants.	ion, to be furnished every fuel individ yele operation and	f. ually. combined evelo merent				98,19			
A MURANCE AND A MURANCE	EV charge shall be worked out based on ex harge rate for the month shall be based on up is not available for 2.1 to 2.5, consolidat	t-bus energy sched fuel cost(s) and G ted statement need	uled to be sent out. CV(s) for the month as	iou separately in case per Regulation 43.		IS SEAL To	SULC	Oph	0	
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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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Form reference 32, 33, 34, 35 of the Form 12						
2 3 ponents as per Regulations 28, 30, 31, 32, 33, 34, 35 of the error Rs Lakh Form 12	Existing					
Portents as per Kegulations 28, 30, 31, 32, 33, 34, 35 of the Rs Lakh Form 12	+	2019-20	2020-21	2021-22	2022-23	1012.11
Rs Lakh Form 12	CERC (Townson of C	5	. 6	. 7.	0	47-6707
	I I I I I I I I I I I I I I I I I I I	(Aerms and Conditions of Tariff)	Regulations, 2019, to be recovered	, to be recovered	An the Let	. 6
Rs Lakh	56.10/.01	15,822.51	9,863.67	2 730 57 1		vailability
RsLakh	12.74	17.54	30.55	******	2,840.95	2,870.61
ing Capital Relach CUI	12,784.34	12,882.44	12 078 22	10.40	24.10	. 16.17
es Relakh Form O	5,707.28	4.702.71	CCOLCER V	13,104.39	13,272.41	13:458 00
Per other	15,255.00	16.480 00	17 04/1U	4,584.58	4,635.64	A FOC OF
Do T dit	574.48	1 300 24	17,060.00	17,655.00	18,280.00	10 000 00
(If applicable) Der 11	1.171.39	AD 000 1	60.626.1	1,677.60	1.845.36	00'074'01
Compensation Allowance (If amplicable - As Lakh Appendix-1		46.7774	1,276.75	1,332.93	1.391.58	34.020.46
relevant for column 4 only) Rs Lakh						1,432.82
Sub-total: A Bry II	50.00		Not applicable a	Not applicable as per 2010 Tarier Denteri		
uponents as per Regulation 36/1/6/ cert. cmc.	51,257.17	. 52,518,38	17 301 10	V mm con a	cguiations	•
1 sharing basis	ions of Tariff) Reguls	ations 2010 Sub-	64*190*/1	41,119.63	42,290.04	43.450.01
Capital Spares Rs Lakh Rs Lakh Ret Lakh Ret Lake DVC Act, to be recovered			sequent CERC/Co	urt Orders, and	the DVC Act, to I	C recovered
per section 40, Part IV of DVC Act) Rs Lakh Annovelie 2			Will be claimed on actual basis at the time of truine in	tual basis at the tim	te of truine un	
Bel alt	1,602.04	1,714.18	1,834.17	1 063 67	1000	-
c Rs Lakh	895.52	1,863.22	1 950 80	10 and 1	56.660,7	2,246.94
	89.77	98.33	105.52	10.240,2	2,138.52	2,239.04
Sub-total: B Appendix-6	1,417.11	1,479.47	1.544 57	12 12 1	91.89	83.76
A+B)	4.004 44		· ·	1,012.34	1,683.49	1,757.57
Rs Lakh	55.261.61	0729270	5,435.07	5,724.46	6.013.85	
		80.610,10	52,816.57	46,844.09	48,303,89	40 777.32

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	lidated figures are provided in C.1a, C.1b an 4,032.27 100% Not applicable 0% 45,279.85 2.26 2.96.92			
	Break-up is not available for C.1 to C.4. Consolidated figures are provided in C.1a, C.1b and C.1c. 3,095.28 3,095.28 100.00% Not applicable 0.00% 61,127,44 0.00% 0.127,44 238.24 238.24 238.24 296.92	separately in case r Regulation 43,		а ,
	m-15 (Coal) m-15 (Oil) ppendix-5	ually. combined cycle operation aled to be sent out. CV(s) for the month as pe s to be submitted.		
RsTone (%)	Rs/Ton (%) Rs/Ton (%) Rs/Ton (%) Rs/Ton (%) Rs/Ton (%) Rs/Ton (%) Rs/Ton (%) Rs/Ton finite	of every fuel individ sycle operation and x-bus energy schedu fuel cost(s) and G ated statement need	AND I TRAFFAC	
J. anded Fuel Cost (coal/gas/RJ.NG/ liquid) as per J'SA approved by beneficiaries [%) of Fuel Quantity. Landed Fuel Cost Incost 1	C.2 approved by beneficiaries Rs/Ton (%) of Fuel Quantity (%) C.3 Landed Fuel Cost (coal/gas/RLNG/liquid) Rs/Ton (%) of Fuel Quantity (%)	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 ex-bus energy scheduled to be sent out. 2E. In case breakup is not available for 2.1 to 2.5, consolidated statement needs to be submitted.	A HONE	
	C.3 Land C.3 Land (%) (%) (%) o (%) o C.1a Land (%) o C.1b Land (%) o C.1c Land (%) o C.1c Land (%) o C.1c Land (%) o C.1c Land (%) o (%) o C.1c Land (%) o C.	2B:The rate of of gas/liquid fi 2C:The total er 2D:The Energy 2E. In case bre-	de	

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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

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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

78 746

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

Datnodar Valley Corporation Mejia Thermal Power Station 7&8 West Berroral

PART-I FORM-1

	or. INO. Particulars	Unit	Form references	Existing					
-	2	. E		2018-19	2019-20	2020-21	2021-22	2022-23	2023-24
	Cost components as per Regulations 28, 30, 31, 32, 33, 34, 35 of	is 28, 30, 31, 32.		4	5	6	7	8	0
A.I. Depre	Depreciation	Rs Lakh		12 CLAC (Lerms and Conditions of Tariff) Regulations, 2019, to be recovered on the basis of availability	ditions of Tarify	Regulations, 201	9, to be recovered	on the basis of a	vailahilitu
1	Interest on Loan	Rs Lakh	Form N	40,030.27	40,454.73	40,850.13	41,269.15	41.555.54	41 643 64
T	Keturn on Equity	Rs Lakh	Form 1 (D. & (TD)	17:171.471	9,275.98	5,686.98	1,969.41	54.35	5 80
A 5 O & 1	Interest on Working Capital	Rs Lakh	Form O	10 440 76	26,735.68	26,991.00	27,269.18	27,478.85	27.544.69
A.6 Water	Water Channes	Rs Lakh	Form 2 & Form 3	20.430.00	9,028.82	9,033.56	9,058.14	9,110.51	9.207.72
19.1	Security Process	Rs Lakh	Form 19	1.074 95	07 000 0	23,300.00	24,120.00	24,970.00	25,840.00
	ity Experises	Rs Lakh	Appendix:2	OF CAS C	4,180.49	3,050.18	3,355.20	3.690.72	4 070 91
_	Opecial allowance (If applicable)	Rs·Lakh	Appendix-1	81.246.42	2,455.48	2,573.61	2,697.41	2.827.17	C1 290.C
A.9 Compe	Compensation Allowance (If applicable – relevant for column 4 only)	Rs Lakh				-	-		
Sub-ti	Sub-total: A	Do V 111				Not applicable	Not applicable as per 2019 Tariff Regulations	cgulations -	
Cost c	Ombonents as ner Reminition 26/11	NS LAKI		1,13,554.05	1,13,241.19	1.11.485.46	1 00 730 40		
in full	in full on sharing basis	(v) of the CERC	(Terms and Condition	is of Tariff) Regula	ations 2019 Sub-	Circle CEDCIC	66-00/1201T	1,09,687.14	1,11,275.94
Capital Spares	Spares			A standard concount orders, and the DVC Act, to be recovered		Chanter Cencil	ourt Orders, and	the DVC Act, to	be recovered
n Interest	Interest & Contribution on Sinking Pund (A.	KS Lakh		1,413.20		Will be deterned			
per sect	per section 40. Part IV of DVC Act	RsLakh	Annendiv.2	0 mer 20	1	will be channed on actual basis at the time of truing up	ctual basis at the ti	ne of truing up	
Share of P&G	P&G	DoTath	C.vinindd-	68.101,2	2,944.52	3,150.64	3,371.18	3,607.16	3 850 67
Share o	Share of Common Office Expenditure	De Y ald	Appendix-4	1,791.04	3,726.44	3.901.61	ADORAL		
Expense	Expenses for Ash Evacuation Mean	IND'T ON	Appendix-5	179.55	196.65	30.110	TOTONIL	4,277.03	4,478.08
Insuran	Insurance and Subsidiary Activities	. Rs Lakh	Appendix-6			CO'117 .	213.71	183.79	167.53
Sub-total: B	tal: B	Re Lakh	O visuada.	C1.280,2	2,811.18	2,946.41	3,088.15	3,236.70	3,392.40
Grand	Grand Total (A+B)	Re I alth		8,817.83	9,678.79	10.209.70	10 758 05		
		INTER INT		08 175 661			Conneitor	140.P0C.11	11.897.68



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2023-24 Break-up is not available for C.1 to C.4. Consolidated figures are provided in C.1a, C.1b and C.1c. 2022-23 Not applicable 2021-22 45,279.85 3,980.90 278.16 100% 2.26 % 2020-21 6 2019-20 40 Not Applicable. Existing 2018-19 61,127.44 3,095.28 %00.00 0.00% 221.47 .3.06 . Form references Form-15 (Coal) Form-15 (Oil) Appendix-5 Appendix-5 Rs/Tone Rs/Ton Rs/Ton Unit Rs/Ton Rs/Ton Rs/Ton Rs/KL. P/Unit (%) P/Unit (%) (%) 8 (%) (%) Landed Fuel Cost Imported Coal as per FSA Landed Fuel Cost Imported Coal other than Landed Fuel Cost (coal/gas/RLNG/ liquid) Landed Fuel Cost (coal/gas /RLNG/liquid) Landed Fuel Cost (Domestic Coal) as per FSA approved by beneficiaries Landed Fuel Cost (Imported Coal) Energy Charge Rate ex-bus approved by beneficiaries Landed Fuel Cost (Oil (Paise/kWh) 2A, 2B, 2C, 2D Secondary fuel oil cost (%) of Fuel Quantity (%) of Fuel Quantity (%) of Fuel Quantity (%) of Fuel Quantity %) of Fuel Quantity %) of Fuel Quantity other than FSA Sr. No. Particulars FSA. C.la 5 C.1b 0.2 C.1c 5 C.4 C.S

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Note

1: Dctails 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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449

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 truing 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).

SI. No.	Particulars	Page No
VOLU	ME-I	
1.	Affidavit	
2.	Authorization Letter	1-2
3.	Document of serving copy to the respondents	3
4.	True Up Petition in respect of a	4
	CTPS#7,8 for the tariff period 2014– 19, and Tariff for Petition in respect of determination of provisional tariff for CTPS#7,8 for the tariff period 2019–24	. 5-38

INDEX OF PAPERS



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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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P/Unit Amendie 26,698,49	Secondary fael oil out	RXK		TOTAL IS LIVE	0.00%	1 111	IN	rvot applicable		
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Pillitie 2.83	Paisc/kWh) 24.20.20 20	PA In	-	Lunt	2.83			5,230.52		1
Appendix 2 201.28				Appendix-7	204.28			4.41		



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PART-I PORM- I

(Petitioner)

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

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

Summary of Tariff

1: Details of calculations, considering equity as per regulation, to be farmiahed.
2.4:If multi farel its used simultaneously, give 2 in respect of every farel individually.
2.8:The rate of energy charge shall be computed for open cycle operation and combined cycle operation separately in case

2C:The triait energy clarge shall be worked out based on ex-bus energy scheduled to be sent our. 2D:The faretyr Chenge rate for the month shall be based on fuel cost(3) and GCV(s) for the month as per Regulation 43. 2B. In case breakup is not available for 2.1 to 2.5, consolidated sutament needs to be submitted.





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

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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 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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3.	Document of serving copy to the respondents	3
4.	True Up Petition in respect of approval of final tariff for Raghunathpur Thermal Power Station, Phase-I, Units-1 and 2 (2 x 600 MW) for the tariff period $2014 - 19$, and Tariff	5-40



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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



PART-I FORM-1

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Summary of Tariff

Name of the Petitioner

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

Damodar Valley Corporation Raghunathpur Thermal Power Station Phase-I West Bengal

and the second se	Unit	Form References	Existing 2018-19	2019-20	2020-21	2021-22	2022-23	2023-24
	3	The state of the second	. 4	5	9	6 .	8	
A Cost components as per Regulations 28, 30, 31, 32, 33, 34, 35 of the CI	28, 30, 31, 32, 33, 3	14,35 of the CERC (Te	ERC (Terms and Conditions of Tariff) Regulations, 2010, to be recovered on the horiz of main their	is of Tariff Repu	lations. 2019. to 1	ta recovered on t	he bade of successful	
A.1 Depreciation	Rs Lakh-	Form 12	CL 911 CV	10 101 31	ON SCENE SCHOOLS	TALLER OF	IIIC DASIS OF BURNIN	
A.2 Interest on Loan	Delath	416	71.011476	11.404,04	49,164.43	49,732.83	.49,774.21	49,806.70
	IND T CV		28,644.81	27,475.27	26,137.81	21,699.44	16,733.98	11.747.28
-	Ks Lakh	Form 1 (I) & (II)	32,998.44	35,603.75	38,475.94	38,918.14	38,949.91	38.975.27
T	Rs Lakh	Form O	9,536.42	9,413.21	9.543.05	9.559.03	9 555 46	0 473 01
-	Rs Lakh	Form 2 & Form 3	22,056.00	24,312.00	25,164.00	26.052.00	DA DAA DO	0 010 20
	Rs Lakh	- Form 19	407.12	3.336.58	3.660.22	PC YCU F	20 00 F	10071217
	Rs Lakh	Appendix-2	2.248.27	2.356.69	2 470 33	7 480 44	00.024/4	4,885.09
A.8. Special allowance (If applicable)	Rs Lakh	Appendix-1		-	Print la	C1-20044	20.41142	2,845.20
A.9 Compensation Allowance (If applicable - relevant for column 4 only)	Rs Lakh				Not applicable.	Not applicable as per 2019 Tariff Regulations	Regulations	
Sub-total: A	Rs Lakh		1.38.030.78	1 47 087 71	1 61 515 70	TT MAR LA D		
Cost components as per Regulation 35(1)(6) and 61(1) of the CFRC rr	5(1)(6) and 61(1) of	The CERC Terms an	d Conditions of The	Tanan di ala	OPCTOLOGY	41-11 C47C41	1,49,120.74	1,45,745.31
recovered in full on sharing basis			of mis and Conditions of Larnij Regulations 2019, Subsequent CERC/Court Orders, and the DVC Act, to be	inu) kegulauons	2019, Subsequen	t CERC/Court C	Irders, and the D	VC Act, to be
Capital Spares	Rs Lakh		274 78		and the share of the state			-
DVCs 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	actual basis at the th	ime of truing up	51 265
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	1160.05	36 176 1
Share of P&G	Rs Lakh	: Appendix-4	2.149.25	4471 73	4.681.02	10 000 1		12117211
Share of Common Office Expenditure	Rs Lakh.	Appendix-5	215.45	324.08	24.200,4	4,902.01	5,132.44	5,373.70
Expenses for Ash Evacuation, Mega Insurance and Subsidiary Activities	RsLakh	Appendix-6	575.09	602.82	631.89	662.36	220.55	201.03
Sub-total: B	s - Rs Lakh		5.356.38	7.949.73	810010	- 101 TH		21.121
Crend Total (ALB)	and the second s			mich	- 0'TO2'T	1000010	8,052.41	8,070.92



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ByortPeriod ByortPeriod ByortPeriod Break-rest Break-res Break-res Break-	numity: (%) Cost Imported Coal as per FSA Rs/Ton Cost Imported Coal as per FSA Rs/Ton Deneficiaries (%) Cost (coal/gas /RL/NG/liquid) Rs/Ton A Cost (coal/gas /RL/NG/liquid) A Cost (coal/gas /RL/NG/liquid) A Cost (coal/gas /RL/NG/liquid) A Cost (coal/gas /RL/NG/liquid) A Cost (mported Coal other than A Rs/Ton Cost (mported Coal) Rs/Ton Namity (%) Cost (Imported Coal) Rs/Ton Numity (%) Cost (Imported Coal) Rs/Ton Numity (%) Numity (%) Notestic Coal) Rs/Ton Notestic Point (%) Natc ex-bus P/Unit Natc ex-bus P/Unit Appendix-7 Appendix-7 .ta, z, zn P/Unit .ta, z, zn P/Unit	Break-up is not available for 2.1 to 2.4. Consolidated figures are provided in 2.1a, 2.1 3.236.92 3,514.89 100.00% Not applicable Not applicable 0.00% 2.34 2.98 2.34 2.01.51 224.68 afon separately in case	.1b and 2.1c.
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3,214.89 100% Not applicable 0% 2.34 2.34.88	Quantity (%) Form-15 (Coal) Cost (Imported Coal) Rs/Ton Form-15 (Coal) Quantity (%) Form-15 (Oil) Quantity (%) Rs/KL Form-15 (Oil) Quantity (%) Rs/KL Form-15 (Oil) Quantity (%) Rs/KL Form-15 (Oil) Oil cost P/Unit Appendix-7 Rate ex-bus P/Unit Appendix-7 . Rate ex-bus P/Unit Appendix-7 . a, a, P/Unit Appendix-7 . a, a, P/Unit Appendix-7 . a, a, P/Unit Appendix-7		
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2.34	l oil cost		
2.34	Rate ex-bus P/Unit Appendix-7 La, ac, 2D s, considering equity as per regulation, to be flurnished. simultaneously, give 2 in respect of every fuel individually.		
3	s, considering equity as per regulation, to be flumished. simultaneously, give 2 in respect of every fuel individually.		
3	is equity as per regulation, to be furnished. sly, give 2 in respect of every fuel individually.	ation separately in case	
8	c Shall be computed for onen evels pression and combined and	ation separately in case	
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	ge shall be worked out based on ex-bus energy scheduled to be sent out. ate for the month shall be based on fuel cost(s) and GCV(s) for the month as it available for 2.1 to 2.5, consolidated statement node to be extrained.	as per Regulation 43.	
(Petitioner)	יושאווווחמי אין אין אין אין אין אין אין אין אין אי		
I IAMANGA UI	territoria (1977) - 1970 - 1970 - 1970 - 1970 - 1970 - 1970 - 1970 - 1970 - 1970 - 1970 - 1970 - 1970 - 1970 -		(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).

SI. No.	Particulars	Page No
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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





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	or. No. Particulars	Unit	Form references	Existing 2018-19	2019-20	2020-21	2021-22	2022-21	10 2000
1	A Cost components as ner Reculations 20	30 31 32 22 2	· · · · · · · · · · · · · · · · · · ·	4	S. Ser 13				67-CTN7
1		De Lath	4, 35 of the CERC (Terms and Conditions of Tariff) Regulations, 2019, to be recovered on the head of the term	erms and Conditio	ns of Tariff) Regu	ulations, 2019, to	be recovered on 4	the boole of such	6
<i !<="" td=""><td></td><td>Rs Lakh -</td><td>FOITH.12.</td><td>34,757.24</td><td>35,648.37</td><td>36,105.06</td><td>36.669 57</td><td>24 040 A4 10</td><td>- F</td></i>		Rs Lakh -	FOITH.12.	34,757.24	35,648.37	36,105.06	36.669 57	24 040 A4 10	- F
≪1	101	ReLakh	Forme I Ch & CTT	26,392,79	24,004.21	20,887.10	17,841,89	14 430 20	06.000,16
<1>	-	ReTath		18,292.11	19,109.54	19,526.30	20.042.03	20.307 13	5.220 00
<1>	T	Relath	Entry & E.	9,676.03	77.11.77	7,735.78	7.781.58	781706	04'COL'07
e1.		Relath	C LINE & COLLD 3	20,430.00	22,510.00	23,300.00	24,120.00	00.0000	11.205,1
- 1 Ba	11	Relath	Form 19	846.15	2,780.49	3,050.18	3.355.20	00.012,42	22,840.00
11	A.8 - Special allowance (If applicable) -	ReLakh	7-XIDIDIDIA	3,018.23	3,163.42	3,315.60	3,475.09	3642 76	4,0/0,4
1	A.9 Compensation Allowance (If applicable -	De Tabh	I-XIDubddv				-	-	3,817.48
1	Sub-total: A	V3 FRICU				Not applicable	Not applicable as per 2019 Tariff Regulations	Regulations	
1 6	Cost components as ner Racial ation 350	Rs Lakh		1,13,412.54	1,14,927.80	1,13,920.01	1.13.285.36	111706.00	1 40 001 0
2	in full on sharing basis	(o) of the CERC	U(0) of the CERC (Terms and Conditions of Tariff) Regulations 2019, Subsequent CERC/Court Orders, and the DVC Are to have account	ns of Tariff) Regu	lations 2019, Sub	sequent CERC/C	ourt Orders, and	the DVC Act to	1,09,885.07
B	Capital Sparcs	· Rs Lakh		1 4 4 4 4 4				m free a lot a sum	De l'ecovered
B.2	615	Detett		978.00		Will be claimed on	Will be claimed on actual basis at the time of truing up	me of traing up	
B.3		KS LAKD	Appendix-3	6,194.98	6,628.63	7,092.63	7.589.12	SENCI S	0 600 0
B.4		Rs Lakh	Appendix-4	1,791.04	3,726.44	3.901.61	4 085 01	CC'07160	8,088.78
B.5	-	V3 FURI	Appendix-5	179.55	196.65	211.05	121371	CO./ 174	4,478.08
		Rs Lakh	Appendix-6	1,531.10	1,604.76	1.681.95	38 636 1	103.17	167.53
	Sub-total: B	Rs Lakh		10.674.67	19 162 40		00'7014	1,841.00	1,936.55
	I anded Firel Cost (A+B)	Rs Lakh		1.24.087.21	84-0C1471	12,887.24	13,650.70	14,428.84	15,270.94
5		Rs/Tone			17.000,01464	1,20,807.26	1,26,936.06	1,26,225.74	1,25,154.00
	(%) of Fuel Quantity	(%)						1.00	
C7	Landed Fuel Cost Imported Coal as per FSA	Defter							
1.1	(%) of Fire! Orientics	UOI AN				2 (2	
1.12	Landed Fuel Cost (cost/oss /DT N/C/IL-1-15)	(%)							
3	other than FSA	Rs/Ton	Drea	Break-up is not available for C.1 to C.4. Consolidated figures are provided in C.1a, C.1b and C.1c.	for C.I to C.4. Cont	olidated figures are	provided in C. la, C	"Ib and C.Ic.	
- E	(%) of Fuel Quantity	(%)							
5	Landed Fuel Cost Imported Coal other than	Derrie							
1.1	10%) Of Fuel Ounstitut	HOLINA							
C.1a	-	(%) Doft	-			-	3 1		
1.00	(%) of Fuel Quantity	NS/ 101		2,517.04			3.453.13		
C.1b	_	Reffor	Form-15 (Coal)	100.00%			100%		
151	-	1/6/	-	Not applicable		Z	Not applicable		
C.1c		RelKT	Ener 16 /010	0.00%			0%		
S	Secondary fuel oil cost	P/Unit	(IIO) CI-IIIIO	64,599.18			42,951.32		
	Energy Charge Rate ex-bus		- /-YIDdisddy	3.23		1 · · · · ·	2.15		
	(Paise/kWh) 2A 28, 2C, 2D	P/Unit	Appendix-7	181.45			216.42	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	
	Note 1: Details of calculations, considering equity as per regulation, to be furnished. 2: Aif multi fuel is used simultaneously, give 2 in respect of every fuel individually. 2: 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. 2: Cine butal energy charge shall be worked out based on ex-bus energy scheduled to be sent out. 2: Cine butal energy charge rate for the month shall be based on fuel cost(s) and GCV(s) for the month are not be available.	on, to be furnished every fuel individi- cle operation and. -bus energy schedi fuel cost(s) and G	ally. combined cycle operation led to be sent out. CV(s) for the month see 7	ı separately in case			La Carlos	Dat	
	a water of a state of a 1.3, consolidated statement needs to be submitted.	ted statement need	s to be submitted.				El manante o	Alalu	June
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Petition No.....

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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 truing 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).

INDEX	OF P	APERS
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Sl. No.	Particulars	Page No
VOL	UMIE-I	
1.	Affidavit	1-2
2.	Authorization Letter	3
3.	Document of serving copy to the respondents	4
4.	True Up Petition in respect of approval of final tariff for Durgapur Steel Thermal Power Station Unit No. 1 and 2 for the tariff period 2014 – 19, and Tariff Petition in respect of determination of provisional tariff for Durgapur Steel	5-38



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



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

Damodar Valley Corporation Durgapur Steel Thermal Power Station West Bengal

PART-1 FORM-1

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No.	Sr. No. Particulars	Unit	Form references	Existing	2019-20	2020-21			
_		3.		61-9107		THANK	77-1707	2022-23	2023-24
-	Cost components as per Regulations 28. 30. 31 32 33 34 36 26	ulations 28, 30, 31		*			7.	8	.0.
A.1.	Depreciation	Pe Takh		ALC (Jerms and Con	ditions of Tariff)	THE CEAC (Let ms and Conditions of Tariff) Regulations, 2019, to be recovered on the basis of availability	be recovered on the	he basis of availabi	
A.2	Interest on Loan	Deleth	rorm 12	36,681.08	36,899.13	37,137.26	37.233.74	77 37 378 27	
A3	Return on Romited	INBUCK	Lotter	19,603.56	16,148.74	12.650.68	8 90K 87	- ar 166.3	56776'JC
	Interest on Working 7.1.1	Rs Lakh	Form 1 (I) & (II)	25,507.96	25.696.36	· 25 001 30	10.000 20	24.10C'C	1,762.70
	A LE CALLAR CAPITAL	RsLakh	Form O_	11.433.57	8 473 17	Change o	01.004,04	20,073.54	26,137.63
Т	U & M Expenses	RsLakh	Form 2 & Form 3	20.430.00	21.0170	70.0140	8,491.32	8,511.02	8,552.00
	Water Charges	RsLakh	RAMM TO	DOUDCL'ON T	00.010,22	23,300.00	24,120.00	24,970.00	25.840.00
A.7 S	Security Expenses	Relath		930.50	2,780.49	3,050.18	3.355.20	3 640 72	A NTO O
A.8 S	Special allowance (If applicable)	Relakh	Appendix-2	1,948,41	2,042.14	2,140.37	2,243.34	2.351.25	16.010.4
	Compensation Allowance (If amilicable	Thanks and the	Appendix-1	and the second s					10.101.14
A.9	relevant for column 4 only)	Rs Lakh				Not annicable			1
2	Sub-total: A	ReLakh				An approximation	the approximation as per 2019 Larm Regulations	Kegulations	
-	ost components as per Regulation 35/11/6	and CICL Leve	and the second se	1,16,541.08	1,14,549.97	1,12,655.40	1,10,424.24	1.08.266.33	1 06 240 84
0.	on sharing basis on sharing basis and the DVC Act, to be recovered in full) wind out(1) of the C	EKC (Terms and Condit	ions of Tariff) Regu	lations 2014, Sub	sequent CERC/Cour	rt Orders, and the	DVC Act, to be re-	covered in full
B.1 C	Capital Spares	RsLakh							
B2 D	DVC's share of savings in interest cost due to			/69.17	the second second	Will be claimed on actual basis at the time of truing up	actual basis at the t	ime of truing up	1
1	Joan restructuring	UNBLARKI	Appendix-8	603.40	663.13	470.76	294.04	145.44	36.65
	per section 40, Part IV of DVC Act)	Rs Lakh	Appendix-3	5,684.65	6.082.58	75 805 9	10000		croc
B.4 SI	Share of P&G	RsLakh	Annendiv A	1 201 01		or on the	46.60%,0	7,451.42	7,973.02
S	Share of Common Office Expenditure	RsLakh	Annendiv_C	1, /91.04	3,726.44	3,901.61	4,085.01	4,277.03	4.478.08
E I	Expenses for Ash Evacuation, Mega	A Transformer and a second sec	C.vmmdder	CC:6/1	196.65	211.05	213.71.	183.79	167.53
E	Insurance and Subsidiary Activities	Rs Lakh	Appendix-6	599.87	628.73	658.97	690.67	772 00	on use
n	Sub-total: B	Rs Lakh		0 677 60	11 404 41		10000	N. C71	21.901
9	Grand Total (A+B)	Rs Lakh		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	11,297.55	11,750.75	12,247.37	12,781.58	13.413.89
	the second secon			1,20,105.77	1.25.847.51	AL ADA ACT	1 37 674 64		ineres inc



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Constraint Constraint Constraint Constraint Constraint Break-up is not maniformed Coal as per FXA. Key Exponently beneficiants Break-up is not maniformed Coal as per FXA. Key Exponently beneficiants Break-up is not maniformed Coal as per FXA. Key Exponently beneficiants Break-up is not maniformed Coal as per FXA. Exponently beneficiants Exponently beneficiants Break-up is not maniformed Coal as per FXA. Exponently beneficiants Exponently beneficiants Break-up is not maniformed Coal as per FXA. Exponently beneficiants Break-up is not exponently exponently and Coal (Demetric Cual) Break-up is not annihole for CL in CA. Exponently Break-up is not annihole for CL in CA. Coal inported Coal (Demetric Cual) Break-up is not annihole for CL (Demetric Cual) Exponently Break-up in Cual (Demetric Cual) Exponently Break-up (Demetric Cual) Coal Break-Up (Cual (Demetric Cual) Break-up (Demetric Cual) Strand (Demetric Cual) Exponently (Demetric Cual) Coal Break-Up (Demetric Cual) Break-up (Demetric Cual) Strand (Demetric Cual) Exponently (Demetric Cual) Coal Break-Up (Demetric Cual) Break-up (Demetric Cual) Strand (Demetric Cual) Strand (Demetric Cual) Coal Break-Up (Demetric Cual) Break-up (Demetric Cual) Strand (Demetric Cual) Strand (Demetric Cual)		C.1 as per FSA approved by beneficiaries	Rs/Tone				
ble for C.1 to C.4. Consolidated figures are provided in C.1a, C.1b and C.1c. 3,370.90 3,370.90 100% 100% 234 234 231.98 231.98		(%) of Fuel Quantity	(%)	-			
ble far C.1 to C.4. Consolidated figures are provided in C.1a, C.1b and C.1c. 3,570.90 100% 100% 6,793.75 2.34 251.98	C.2	Landed Fuel Cost Imported Coal as per FSA approved by beneficiaries	Rs/Ton				
ble for C.1 to C.4. Consolidated figures are provided in C.1a, C.1b and C.1c. 3,570.90 100% 100% 66,793.75 2.34 2.34 2.34 2.51.98	-	(%) of Fuel Quantity	(%)				
Byoar Freiel Quantity (b)oar Freiel Quantity Exactor Prei Cost imported Coal other than Rurton Rurton By of Prei Quantity (b) Byoar Prei Prei Prei Prei Prei Prei Prei Pre	C3	Landed Fuel Cost (coal/gas /RLNG/liquid) other than FSA	Rs/Ton	H.	reak-up is not available for C.1	1 to C.4. Consolidated figures are provided in C.1a, C.1b and	, Ic.
3,570.90 3,570.90 Not applicable 0% 2.34 2.34 2.1.98	•	(%) of Fuel Quantity	. (%)				
3,570.90 100% Not applicable 0% 2.34 2.34 2.34 2.39 2.34	C4	Landed Fuel Cost Imported Coal other than FSA.	Rs/Ton				
3,570.90 100% Not applicable 0% 2.34 2.1.98		(%) of Fuel Quantity	(%)				
Not applicable Not applicable 0% 2.34 2.1.98 2.1.98	C.la	-	Rs/Ton		3.167.81	3 670 00	
Not applicable 0% 2.34 2.34 2.31.98		(%) of Fuel Quantity	. (%)	-	88 07%	70001	
231.98 23	C.Ib.		Rs/Ton	Form-15 (Coal)	1 750 07	10076	
231.98	Ł		(%)		11 08%	Not applicable	
231.98	C.le	-	Rs/KI.	Form-15 (Oil)	50 474 16	0.00	1.00 M
521.98	CS	Secondary fuel oil cost	P/Unit	Annendiv-7	0100000	40/192/12	Trade With many 14, 1, 1944
8		Encrgy Charge Rate ex-bus (Paise/kWh) 24, 28, 20, 20	P/Unit	Appendix-7	249.99	251.98	
Rec I Tallar College	ote betai Detai SiThe SiThe CiThe OiThe	ils of calculations, considering equity as per regul ulti fuel is used simultaneously, give 2 in respect rate of energy charge shall be computed for open iquid fuel fired plants. total energy charge shall be worked out based on Energy Charge rate for the month shall be based a see breakup is not available for 2.1 to 2.5, consoli	ation, to be furnis of every fuel indi- of every fuel indi- cycle operation a ex-bus energy sch on fuel cost(s) and idated statement n	hed. vidually. nd combined cycle opera acduled to be sent out. I GCV(s) for the month <i>i</i> reeds to be submitted.	tion separately in case s per Regulation 43.		
Kolly a-54							(Petitioner
		Kolly a-54					

Petition No

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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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SI. No.	Particulars	Page No
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	Power Station Unit – 1 for 2019-24 period	6-41



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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



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Summary of Tariff

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1 V V V V V V V V V V V V V V V V V V V	or. No. Particulars	Unit	Form references	Existing					
	. 2 .		FORM FEICTERICES	2018-19	. 2019-20	2020-21	2021-22	2022-233	2023-24
	nents as per Regula	tions 28, 30, 31, 32, 33.	34.35 of the CEDC C	4	S	6	7	80	0
		Rs Lakh	tion uncounter conditions of Tariff) Regulations, 2019, to be recovered on the basis of availability	Crims and Condition	ns of Turiff) Regu	lations, 2019, to 1	be recovered on t	he basis of availa	1.
	Interest on Loan	Rs Lakh	Form N	01 102 20	86:661'16	31,719.21	32,234,88	32,690.14	3 7LU EE
	Keturn on Equity	Rs Lakh	Form 1 (1) & (1)	21.12clc2	21,309,16	18,570.31	15,776.69	12,882.07	9.883.7
III	Interest on Working Capital	Rs Lakh	Form O	30 216 3	24,181,17	24,546.09	24,914.76	25,252.17	25 550 27
	Water Channel	Rs Lakh	Form 2 & Form 3	10215.00	3,922.50	3,949.99	3,953.93	3,956.49	3.963.25
Г	Security Exhences	- Rs Lakh	Form 19	561.82	AC 005 1	11,650.00	12,060.00	12,485.00	12,920.00
	Special allowance (If annlicable)	Rs Lakh	Appendix-2	2,008.29	2.104.90	21 200 0	1,677.60	1,845.36	2,035.46
A9 C	Compensation Allowance (If applicable -	K5 Lakh	Appendix-1		-	4,400.10	2,212,2	2,423.52	2,540.10
	relevant for column 4 only)	Rs Lakh .				Not annlicable	Not amplicable at see 2010 To take but		
1	Sub-total: A	Rs Lakh		94.716.36	94 307 94	annual and a	I III III CINT INT	regulations	
B	Cost components as per Regulation 35(1)(6) and 61(1) of the CERC (Terms and Conditions of Tariff) Regulations 2019, Subsequent CERC/Control Control 2019, Subsequent CERC/Control 2019, Subsequent CERC/Contro	(1)(6) and 61(1) o	f the CERC (Terms at	nd Conditions of Ta	riff) Regulations	2019, Subsequent	92,930.14	91,534.74	89,967.44
B.1 Ce	Capital Spares	Belakh						rucrs, and the DV	C Act, to be
B.2 D	DVC's share of savings in interest cost due to					Will be claimed on a	Will be claimed on actual basis at the time of truine un	me of truine un	
B.3 Sh	Ioan resuructuring	IN LAKI	Appendix-8	678.42	16.002	759.06	616.25	121 124	
B.4 Sh	Share of Common Office Expenditure	Rs Lakh	Appendix-3	895.52	1,863.22	1 950 80	10 10 10	11.114	326.08
B.5 Ex	Expenses for Ash Evacuation, Mega	US LAND	Appendix-5	89.77	98.33	105.52	106.85	2,138.52	2,239.04
	Insurance and Subsidiary Activities	Rs Lakh	Appendix-6	609.73	639.06	08 099		71.07	83.70
30	Sub-totsl: B	Rs Lakh		TT LLC C		10.500	70770/	735.79	771.19
	Landed Barl Cont. (A+B)	Rs Lakh		06 080 an	3,500.92	3,485,19	3,467.63	3,437.37	3.420.07
C,1 as 1	as per FSA approved by beneficiacies	Rs/Tone		no costos	78,893.87	97,652.03	96,397,78	94,972.12	93,387.52
(%)	(%) of Fuel Quantity	(%)	i a Er						
C.2 Lan	Landed Fuel Cost Imported Coal as per FSA	Reffor	*						
(%)	of Fuel Quantity	100				4			
C.3. Lan	Landed Fuel Cost (coal/gas /RLNG/liquid)	(2)	Bre	Break-up is not available for C.1 to C.4. Consolidated formers	or C.1 to C.4 Cone	olidated former			
(%)	other than FSA (%) of Find Ormite.	Nol Var				מוונים וואחובים שום	provided in C. Ia, C	.Ib and C.Ic.	
	Landed Fuel Cost Innorted Cost set-	(%)							
LA FSA	UIII DING MOD POINT	Rs/Ton							
-	(%) of Fuel Quantity	(36)						21	
C.la Lan	Landed Fuel Cost (Domestic Coal)	Rs/Ton		2000 00				1	
-	(%) of Fuel Quantity	(%)		2,800.95		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	3,097.63		
C.ID Lan	Landed Fuel Cost (Imported Coal)	Rs/Ton .	Form-15 (Coal)	100.00%			100%		
-	(%) of Fuel Quantity	(%)		Not applicable		N	Not applicable		
C.Ic Lan	Landed Fuel Cost (Oil)	Rs/KL	Form-15 (O:1)	0/00/0			0%	-	
Seco	Secondary fuel oil cost	P/Unit	Appendix-5	38,439.05			37,803.36	-	
1001	cutergy Charge Rate ex-bus	har .	C-Vininday	121			1.89		
(Pais	(PatsorkWh) and any any any	INUTIO	Appendix-5	193.48			174.91		
ils of e	Note 1: Details of ealculations, considering equity as per regulation, to be furnished, 2A:If multi fuel is used simultaneously, eiver 7 in research for the former of	tion, to be furnishe			-		-		
i rate of	2B:The rate of energy charge shall be computed for open cycle operation and combined cycle operation semirately in access of gasolicited find find find find accession semirately in accession and combined cycle operation and combined cycle operation and combined cycle operation accession accession semirately in accession access	of every rue indivi-	tually. combined cycle operatic	In sensitiely in case				*	
total c	2C.The total energy charge shall be worked out has do not have have not to the total	when mine and w		and a second at case				<	
Energy	2D:The Energy Charge rate for the month shall be based on fuel cost(s) and GCV(s) for the month as per Reculation 43 2E. In case breaking is not avoid the Economic and the cost(s) and GCV(s) for the month as per Reculation 43	in fuel cost(s) and (CV(s) for the month as	per Regulation 43				10	0 0

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(Petitioner)

Name of the Petitioner Name of the Generating Station :

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

FORM-1 (I)

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Statement showing claimed capital cost - (A+B)

Rs.in Lakhs	2022-23 2023-24	(2) (2)	4,25,329.23 4,30.358.11	5,205.12 5,178.12	176.24 144.20	-			4 30 359 11 1 2 2 2 2 2	4 77 647 27 24 33, 392.0	77 278 75 0/ 4 37 875 07
	77-1707	(C)	4,18,441.37	0,881.85					4,18,441.37 4,25,329.23	4.21 885 30	Arrontent
2020-21	(4)	411 831 75	661013	71.0100					4,18,441.37	4,15,136.31	
2019-20	(3)	4,04,850.06	6,981.19					411 221 36	C7.1C0111	+, U0, 340.66	
Particulars.	Opening Canital Cost	Iring the second is	De-capitalisation due	Less: Reversal during the year / period	Less: Undischarged fighting	Fou Habilities	Closing Control Control Closing Control Closin	COSt	Average Capital Cost		

Statement showing claimed capital cost cligible for RoE.

	Rs.in Lakhs	2023-24	6	4.25.055.04	5.178.12	144.20				4.30.088.07.
		2022-23	(9)	4,20,026.16	5,205.12	176.24				4,25,055.04
ormal rate (A)	~	77-1707	A 14 600 01	4,14,088.31	2,337.85					4,20,026.16
IC IOL KOE BU	2020-21	(W)	4.09 628 10	CT UYU 5	71.00010				4 14 688 21	30 831 01 4
	2019-20	(3)	4,04,850.06	4,778.12					4,09,628.19	4,07,239.12
S. No. Boutint	-(1) x ar uculars	1 Opening Canital Cost	2 Add: Addition during the mark	3 Less: De-canitalisation 4	4 Less' Reversal during the year / period	4a Less: Undischaroad lightitic	5 Add: Discharged during the	6 Closing Canital Cost	7 Average Canital Cret	

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

S. No. S. No. Particulars S. No. Particulars S. In Lakts (1) (1) (2) 2019-20 2020-21 2021-22 2033-24 7 Add: Addition during the year / period (3) (3) (5) (6) (7) 2 Add: Addition during the year / period 2,203,06 3,753,06 5,303,06<				
Particulars 2019-20 2019-20 2019-20 2019-20 2019-20 2019-20 2019-20 2019-20 2019-20 20 20 20 20 20 20 20 20 20 20 20 20 3 20 3 20 3 20 3 20 20 3 20 3 20 3 20 3 20 3 20 3 20 3 20 3 20 3 20 3 20 3 20 3 20 3 20 3 20 3 <th colsp<="" td=""><td>lio (B)</td><td>Rs.in Lakhs 2023-24 (7) 5,303.06</td><td>5,303.06</td></th>	<td>lio (B)</td> <td>Rs.in Lakhs 2023-24 (7) 5,303.06</td> <td>5,303.06</td>	lio (B)	Rs.in Lakhs 2023-24 (7) 5,303.06	5,303.06
Particulars 2019-20 2020-21 2021-22 (2) (3) (4) (5) (3) (3) (4) (5) (4) (5) (5) (5) (4) (5) (5) (5) (4) (5) (5) (5) (5) (7) (7) (5) (6) (7) (5) (7) (7) (7) (6) (7) (7) (7) (7) (7) (7) (7) (7) (7) (7) (7) (7) (7) (7) (7) (7) (7) (7) (7) (7) (7) (8) (7) (7) (7) (8) (7) (7) (7) (9) (7) (7) (7) (9) (7) (7) (7) (9) (7) (7) (7) (9) (7) (7)<	ual loan portfo	2022-23 (6) 5,303.06	5,303.06	
Particulars 2019-20 2 (2) (3) 2 (1) (3) 2 (2) (3) 2 (3) (3) 2 (4) (4) (4) (5) (4) (5) (7) (2) (3) (7) (3) (4) (7) (3) (4) (7) (4) (2) (7) (4) (4) </td <td>interest on acti</td> <td>2021-22 (5) 3,753.06 1,550.00</td> <td>5,303.06 4,528.06</td>	interest on acti	2021-22 (5) 3,753.06 1,550.00	5,303.06 4,528.06	
Particulars 20 (2) 2) 20 t 2) 20 t athe year / period 2 in during the year / period 2 in the year	verage rate of	2020-21 (4) 2,203.06 1,550.00	3,753.06 2,978.06	
Particulars (2) (2) (2) (2) (2) (2) (2) (2) (2) (2)	to at weighted a	2019-20 (3) 2,203-06	2,203.06	
	S. No. Particulore	(2) t (2) t the year / period n during the year / period abilities ng the year / period ng the year / period	7 Average Capital Cost	

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(Petitioner)

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



		Q.		Summary of Tariff	E E	2			
e of th e of th : (Reg	Vame of the Petitioner: Vame of the Generating Station: Place (Region/District/State):	Dumodar Valley Cor Tilaiya Hydel Power Koderna, Jtarkhand	Damodar Valley Corporation Tilniya Hydel Power Station Kodorna, Jiankhand						PART-II FORM- I
Sr. No.	Particulars	Unit	· Horm references	Kxisting . 2018-19	2019-20	2020-21	2021-22	2022-23	2023-24
(1)	(2)			(3)	(1)	(5)	(9)	6	(m)
V	Cost components as per Regulations 30, 31, 32, 3.	33, 34, 35 of 1	4, 34, 35 of the CERC (Terms and Conditions of Tariff) Regulations. 2019. to be recovered on the bacts of sublishility	Conditions of Tariff)	Regulations, 2019, to	he recovered on the	hacie of availability		(0)
VI	Depreciation	RsLakh	Form12	0.67	0.68	34.34	1.91.65	AU IA	40.16
A.2	interest on Loan	RsLakh	Form13A	0.02	0.02	13.78	25.07	30.05	11.20
5.4	Return on Equity'	RaLakh	Form-1 (1) & (1)	28.31	28.35	41.41	SAAK	CA AK	24.61
A.4	Interest on Working Cupital	Rs Lakh	Form13B	51.71	41.76	44.64	47.10	SE OF	01:00
45	O & M Expenses	Rs Lukh		. 904.10	900.17	943.08	988.03	11 210 1	40'10
A.6	Sciainity Expenses	Rs Lukh	Appendix-2	33.11	34.34	35.61	36.93	38.30	11.100,1
	Sub-total: A	Rs Lakdi		1.017.91	1.005.32	78 611 1	1 700 84	04 245 1	
8	Cost curiponents as per Regulations 35(2)(a), 35(2)(c) and 61(1) of the CRRC (Terms and Conditions of Tariff) Regulations 2019, Subsequent CERC/Court Orders, and the DVC Act, to be recovered in full	(2)(c) and 61((1) of the CRRC (Term	is and Conditions of 1	ariff) Regulations 20	19, Subsequent CER	C/Court Orders, and	I the DVC Act, to be	recovered in full
H.1	Cupital Sparce	Rs Lakh				Will be obtained at 15M	Will be defined as well be seen as the state of the second s	and the factor of	
B.2	DVC's share of savings in interest cost due to loan restructuring	Rs Lakh	Appendix-7		0.001	0.64	1.16	do Sunn to au	0.70
E.B	Impact of Pay Revision due to recommendation of 7th Pay Commission	Rs Lakh	Appendix-3a	431	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	000	CUL	CUD	0.04	- W V
0.5	Share of P&G	Ks Eakh	Appendix-4	7.16	1011	14.41	16.74	11 51	10.0
B.6	Share of Common Office Expenditure	Rs Lakh	Appendix-5	0.72	0.74	0.84	200	16.0	17.11
8.7	Haptenses due to Mega insurance and Expenditure for Subsidiary activity	Rs Lakh	Appendix-6	2.28	237	2.45	2.54	2.64	2.74
1	Sub-total: B	Rs Lakh		14.49	22.54	24.19	25.72	26.41	1626
	Grand Total (A + B)	Rs Lakh		1.032.40	1.027.87	20.721.1	1336.1	1 775 80	12.14

Noto

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

AN

(Petitioner)

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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 truing 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



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Deficient: Demoder Valley Corporation Demoder Valley					Summary of Tariff	Ú		-	4	PART-III
Furthent Uait Form references Existing 2019-30 2019-30 2020-31 2023-33 2033-34 4103 4213 2033-34 4103 4213-34 2033-34 4103 4213-34 2033-34 4103 4213-34 2033-34 4103 4213-34 4103 4213	ume of the ime of the ace (Regi	•	Dainodar Val Panchet Hyde Panchet, Dha	ley Corporation I Power Station Ibad, Iharkhand						DRM-1
(D) (D) <th>Sr. No.</th> <th>Particulars</th> <th>Unit</th> <th>Form references</th> <th>Existing 2013-19</th> <th>2019-20</th> <th>2020-21</th> <th>2021-22</th> <th>2022-23</th> <th>2023-24</th>	Sr. No.	Particulars	Unit	Form references	Existing 2013-19	2019-20	2020-21	2021-22	2022-23	2023-24
Cont components as per Regulations. 30(3) to be recovered on the basis of revaltability. Depreciation Return on Equity Return on Equity Sol 13, 31, 33, 33, 63 (the CRRC (Terrais and Conditions, 2013, to be recovered on the basis of revaltability. Depreciation Return on Equity Return on Equity 26613 56713 56374 563610 74302 573936 70239 70239 743102 743102 743102 743102 743102 743102	(1)	(2)		alla grande alla antesia de la composición de la composición de la composición de la composición de la composic	(3)	(4)	(5)	(9)	6	(8)
Depreciation Rein12 2971 34.96 223.33 267.19 Interest on Lon Rai Lakin Form13A 0.60 1.02 7.86 6.23 56.374 26.376 2.410.50 77.02 2.410.20 77.02 2.410.20 7.71 Sectrify Expenses Rs Lakh Appendix-2 5.356.54 3.365.46 3.356.46 3.353.55 2.410.56 2.410.20 7.72 2.410.56 2.410.56 2.410.56 2.410.5 2.410.5 2.410.56 2.410.56 2.410.56 2.410.56 2.410.56 2.410.56 2.410.56 2.410.56 2.410.56 2.410.56 2.410.56 2.410.56 2.410.56 2.410.56 2.410.56 <	Y	Cost components as per Regulations 30, 31, 32,	33, 34, 35 of t		Conditions of Tariff)	Regulations, 2019, to	be recovered on the	basis of availability		
Interest on Loun Ratisfy Form13A 0.80 1.62 7.86 6.23 8.53.74 56	. A.1	Depreciation	Rs Lakh		29.71	34.96	223.53	267.19	•	
Reinmon Equipy Real and the ream-1 (), & ((1) 538,50 538,20 553,74 563,73 563,73 563,73 <th< td=""><td>A2 _</td><td>Interest on Loan</td><td>Rs Lakh</td><td>Form13A</td><td>0.80</td><td>1.62</td><td>7.86</td><td>623</td><td>•</td><td></td></th<>	A2 _	Interest on Loan	Rs Lakh	Form13A	0.80	1.62	7.86	623	•	
Interest or Working Capital Rs Lakh Form13B 143.64 139.19 156.51 159.43 16 0 & M Expenses Rs Lakh 200020 2.9137 2.295.83 2.405.56 2.519.90 2.66 1 & M Expenses Rs Lakh Appendix-2 3.305.49 3.305.49 3.66.193 702.90 72.91 2.66 Sub-double Rs Lakh Appendix-2 3.305.49 3.305.49 3.505.50 2.61.32 2.405.50 2.73.02 2.66 7.2 Sub-double Rs Lakh Appendix-2 3.305.49 3.534.60 3.53.53 2.401.54 9.702.90 7.2 Corpital Spine Re Lakh Appendix-7 3.305.49 3.53.53 3.410.13 3.565.10 4.13 DVC's alter of sample path Re Lakh Appendix-7 0.07 0.07 0.35 0.35 1.01.34 3.565.10 1.07.56 1.07.56 1.07.56 1.07.56 1.07.56 1.07.56 1.07.56 1.07.56 1.07.56 3.24.1.50 3.24.1.50 3.24.1.50	E.A.	Return on Equity	Rs Lakh	Form-1 (I) & (II)	536.05	538.50	552.31	563.74	563.74	563.74
O & M Expenses Rs Lath — 2,000.20 2,191.37 2,295.83 2,405.26 2,519.90 2,64 Sbeundrit A Rs Lath Appendix-2 3,305.89 664.95 702.90 743.02 743 Sbeundrit A Rs Lath Appendix-2 3,305.89 6.29.05 5,410.18 730.64 730.64 730.64 732.66 732.02 733.02 733 Cost components as per Regulations 35(2)(a), 35(2)(a), 35(2)(a) and 61(1) of the CERC (Terms and Conditions of Taritift) Regulations 2019, subsequent CERC/Coert Orders, and the DVC Act, to be recovered in 41.1 Copind Space Rs Lath Appendix-7 0.07 0.36 0.35 0.37 0.365 101.75 107.56 11 DVC's state of transford for the recommendation of the finance of transford on a ctual basis at the time of fraining up 0.07 0.07 0.35 0.32.16 0.37	A.4 .	Interest on Working Capital	Rs Lakh	Form13B	143.64	139.19	148.88	156.51	159.43	166.91
Scentry Expenses Ra Lakh Appendix-2 595.08 629.05 664.95 702.90 743.02 73 Sib-botal: A Ra Lakh Ra Lakh 3966.19 3,534.69 3,534.69 3,903.36 4,101.34 3986.10 4,16 Control components as per Regulations 3(2)(a), 35(2)(a), 35(2)(a), 35(2)(a), 35(2)(a) Ra Lakh Appendix-7 3,303.64 0 3,903.36 4,101.34 3,986.10 4,16 Cupinal Spence Ra Lakh Appendix-7 0,07 0,07 0,36 0,37 0,39 10 1 <t< td=""><td>A.5</td><td>O & M Expenses</td><td>RsLakh</td><td>and second and and and</td><td>2,000.20</td><td>2,191.37</td><td>2,295.83</td><td>2,405.26</td><td>2,519.90</td><td>2,640.02</td></t<>	A.5	O & M Expenses	RsLakh	and second and and and	2,000.20	2,191.37	2,295.83	2,405.26	2,519.90	2,640.02
Sub-total:Re LakhRe Lakh3,305.493,534.693,533.654,101.843,986.104,11Cest component: as per Regulations 35(2)(a), 35(2)(a) and 61(1) of the CERC (Terus and Conditions of Tariff) Regulations 2019, Subsequent CERC/Contr Orders, and the DVC Act, to be recovered in or inimite basisWill be claimed on actual basis at the time of truing up 1Ceptial Space of strongs in Interest cost due to DVC's share of strongs in Interest cost due to Tariff) Regulations 36(1)0.070.070.360.2910DVC's share of strongs in Interest cost due to Impact of Pay Revision due to recommendation of Th Pay Commission.Ra LakhAppendix-3a86.1591.0696.26101.75107.5611DVC's share of Pay Revision due to recommendation of Th Pay Commission.Ra LakhAppendix-3a86.1591.0696.26101.75107.5631Share of Pace Share of PacRa Commission.Ra LakhAppendix-3a86.1591.0695.26101.75107.5631Share of Pace Share of PaceRa LakhAppendix-3a14.3282.38.12312.13326.80342.1633Share of Pace for Subsidiary activityRa LakhAppendix-3a14.32836.1591.0695.26101.75107.5634Share of PaceRa LakhAppendix-314.32833.21312.13326.80342.163332Share of PaceRa LakhAppendix-514.32836.1817.1014,703436Share of PaceRa Lak	A.6	Security Expenses	Rs Lakh	Appendix-2	. 595.08	629.05	664.95	702.90	743.02	785.43
Cost components as per Regulations 35(2)(d), 36(d),	and the second se	Sub-total: A	Rs Lakh	and a state of the	3,305.49	3,534.69	3,893.36	4,101.84	3,986.10	4,156.11
Cupited Spaces Rs Lakh Appendix-7 will be claimed on actual basis at the time of truing up DVC's share of savings in interest cost due to Rs Lakh Appendix-7 0.07 0.036 0.29 107.56 1 Dwt sature of faving up Rs Lakh Appendix-7 0.07 0.07 0.36 0.29 107.56 1 Impact of Pay Revision due to recommendation of Th Pay Commission. Rs Lakh Appendix-3b 86.15 91.06 96.26 101.75 107.56 1 Impact of Pay Revision due to recommendation of Th Pay Commission. Rs Lakh Appendix-4 143.28 298.12 312.13 326.88 342.16 33 Share of Paic Reformance and Expenditure Rs Lakh Appendix-6 34.14.36 14.3.28 36.18 342.16 33 Share of Common Office Expenditure Rs Lakh Appendix-6 14.3.28 36.18 342.16 33 Share of Common Office Expenditure Rs Lakh Appendix-6 14.3.28 38.24 40.43 42.73 47.35 4.633.56 50.756 50.756	8	on sharing basts				or cannata for the same	in the second second			
DVCs share of savings in interest cost due to Ra Lakin Appendix-7 0.07 0.07 0.36 0.29 1 Impact of Pay Revision due to recommendation of 7th Pay Commission. Ra Lakin Appendix-3a 86.15 91.06 96.26 101.75 107.56 11 The pay Commission. Ra Lakin Appendix-3a 86.15 91.06 96.26 101.75 107.56 11 The pay Commission. Ra Lakin Appendix-3b 0.32 0.33 0.35 0.37 0.39	B.1	Capital Spares	Rs Lakh				Will be claimed o	n actual basis at the tir	me of truing up	
Impact of Pay Revision due to recommendation of Pay Commission. Rs Lakh Appendix-3a 86.15 91:06 96.26 101.75 107.56 11 Pay Commission. Rs Lakh Appendix-3b 0.32 0.33 0.35 0.37 0.39 0.39 0.37 0.39	B.2	DVC's share of savings in interest cost due to loan restructuring	RsLakh	Appendix-7		0.07	. 0.36	. 0.29	· · · · · ·	-
Impact of GST as "Change in Law" Ra Law Appendix-3b 0.32 0.33 0.35 0.37 0.39 32 Share of Cornon Office Expenditure Ra Lakh Appendix-4 143.28 298.12 312.13 326.80 342.16 33 Share of Common Office Expenditure Ra Lakh Appendix-6 14.3.28 15.73 16.88 17.10 14.70 14.70 34 Expenses due to Mega insurance and Expenditure Ra Lakh Appendix-6 34.22 36.18 38.24 40.43 42.73 42.73 4 Sub-total: B Sub-total: B Ra Lakh Appendix-6 3.58.33 441.50 46.4.23 4,66.74 507.56 5 5 4,66 5 4,66.74 4,693.65 4,66 4,66 5<	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
Share of P&G Re 1.dkh Appendix-4 143.28 298.12 312.13 326.80 342.16 342.16 Share of Common Office Expenditure Rs 1.akh Appendix-5 14.36 15.73 16.88 17.10 14.70 14.70 Expenses due to Mega insurance and Expenditure Rs 1.akh Appendix-6 34.22 36.18 38.24 40.43 42.73 Expenses due to Mega insurance and Expenditure Rs 1.akh Appendix-6 34.22 36.18 38.24 40.43 42.73 Expenses due to Mega insurance and Expenditure Rs 1.akh Appendix-6 34.22 36.18 38.24 40.43 42.73 Expenses due to Mega insurance and Expenditure Rs 1.akh Appendix-6 34.22 36.18 38.24 40.43 42.73 Expendix octivity Rs 1.akh 3.53.32 3.97.61 43.6.74 507.56 Crand Total (A + B) Rs 1.akh 3.53.23 3.97.61 4.433.63 4.493.65 4.493.65	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
Share of Common Office Expenditure Ra Lakh Appendix-5 14.36 15.73 16.88 17.10 14.70 14.70 Expenses due to Mega insurance and Expenditure Rs Lakh Appendix-6 34.22 36.18 38.24 40.43 42.73 42.73 Expenses due to Mega insurance and Expenditure Rs Lakh Appendix-6 34.22 36.18 38.24 40.43 42.73 Sub-total: B Sub-total: B Rs Lakh Appendix-6 3.58.33 441.50 464.23 48.6.74 507.56 Grand Total (A+B) Rs Lakh 3.583.32 3.976.18 4.357.59 4.588.58 4.493.65	B.5	Share of P&G	Rs Lakh	Appendix-4	143.28	298.12	312.13	326.80	342.16	358.25
Expenses due to Mega insurance and Expenditure Rs Lakh Appendix-6 34.22 36.18 38.24 40.43 42.73 for Subsidiary activity Rs Lakh Appendix-6 34.22 36.18 38.24 40.43 42.73 Sub-total: B Rs Lakh Rs Lakh 3.583.33 441.50 464.23 486.74 507.56 Grand Total (A+B) Rs Lakh 3.583.32 3.976.18 4.588.58 4.493.65	B.6	Share of Common Office Expenditure	Rs Lakh	Appendix-5	14.36	15.73	16.88	17.10	14.70	13.40
Rs Lakh 278.33 441.50 464.23 486.74 507.56 (A+B) 3,583.82 3,976.18 4,357.59 4,588.58 4,493.65	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
Rs Lakh 3,583.82 3,976,18 4,357.59 4,588.58 4,493.65		Sub-total: B	Rs Lakh	Concernant of the second second	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
		.1		4-54 DN	Tal				(Petitioner)	



DAMODAR VALLEY CORPORATION

MAITHON HYDEL POWER STATION UNIT 1 TO 3 (63.2 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 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

Annexuré-2



Summary of Tariff

Name of the Petitioner:

vame of the Petitioner: Name of the Generating Place (Region/District/S	roume of the Petitioner; Name of the Generating Station; Place (Region/District/State);	Damodar V ₁ Maithon Hy Maithon, Dh	Damodar Valley Corporation Maithon Hydel Power Station Matthon, Dhanbad, Jharkhand						PART-U FORM- 1
Sr. No.	Particulars	Unite	FOTH PROFESSION	Existing	-				e.
(1)	(2) ······	1		2018-19	2019-20	2020-21	2021-22	2022-273	
X	Cott comments	-		(3)	. 10	A ROTAL VALUE	Same de		47-C707
- 14	Providential as per Kegulations 30, 31, 32,	, 33, 34, 35 of	33, 34, 35 of the CERC (Terms and Conditions of Tarter Day 1.4 (5) (6)	Conditions of Taulor	(a)	(2)	(9)	6	(8)
T	Non addition of the second sec	Relath	Partia 1	THEY IS A STATEMENT	wcgumnons, 2019, 1	be recovered on the	basis of availability		
	Interest on Loan	Delet	TIMO	2.03	272.82	32 575	L POUL		
_A3	Return on Faulty	NO LAKE	Form13A	0.23	800		113.24		
T		Rs Lakh	Form-1 (I) & (I)	A1 163	0.02	8.55	69.0		
T	LUICE CON WORKING Capital	Retain	(m) m/n	54.120	637.91	658.98	663.87	114 04	
AS IC	O & M Expenses	THEY AL	FormI3B	158.95	161 06		19'000	18.600	663.87
A.6 19	Cornels Purchase	ReLakh		ACATA C	CC101	160.57	-163.69	169.24	177.00
	sound the consess	Rilakh	. Annandiu 7	47.014.4	7,892.40	3,030.26	3.174.70	- 2 32K M3-	
	Seb-total: A	Deter	Z-Vinmadde	101.86	109.06	11677	136.03	EN.0476	00.464.0
-	Act Promovement	T AN LAKE		3.360.74	1079.4.1		CN:071	133.87	143.33
8	on sharing had for the CERC (Terms and Contrine or the CERC (Terms and Contrine or the source of 4,345,69) 4,247,22 4,293,01 4,468.7	(2)(c) and 61()	() of the CERC (Term	a and Conditions of T	1 17710%	4,348.69	4,247.22	4,293.01	4,468.77
B.1 C	Capital Sparres				arrit) Megulations 20	19, Subsequent CERC	"/Court Orders, and	the DVC Act, to be n	covered in full
Γ	NC - Here - C	. Rs Lakh	-	T		and the second se			
B.2 1	a contract of sayings in interest cost due to	-			State of the state	Will be claimed on	Will be claimed on actual basis at the time of initial	a of building and	100
Ĩ	Ioun restructuring	Ks Lakh	Appendix-7.			1	DIRIT NATI IN CONTRACT IN CONTRACT	da Sunn 10 a	CTTAN
			Contraction of the second		0.20	The second se		and the second s	in the second second

Note

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

(Petitioner)

82.29 10.59

76.86 270.31 11.62

71.78. 258.17 13.51

67.04 246.58 13.34

62.61 235.51 12.43

58.48 113.19 11.35

Appendix-3b Appendix-4 Appendix-5 Appendix-6

Rs Lakh Rs Lakh Rs Lakh

Share of P&G. Share of Common Office Expenditure Expenses due to Mega insurance and Expenditure

for Subsidiary activity Grand Total (A + B)

Sub-total: B

Rs Lakh

Impact of Pay Revision due to recommendation of

impact of OST as "Change in Law".

.B.5

B.A B.6 B.7

hth Pay, Commission

B.3

38.69 510.35

36.13 484.36 4,777.36

33.75 460.77 4,708.00

31.52 436.89 4,785.58

29.44

27.49 278.57 3,639,31

413.23 4,435.46

Rs Lakh

Rs Lakh Rs Lakh

95.77

89.44

..

0.03 \$3.54

0.39 78.02

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Appendix-7. Appendix-3a

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ANNEXURE-25



	13.78% CERC Notification dated 30th May 2017 revised in notification dated 1st lune 2018	0.00% CERC Notification dated 10th October 2017	0.00% CERC Notification dated 22nd June 2018	21.66% CERC Notification dated 15th October 2018	0.88% CERC Notification dated 5th April 2019	0.00% CERC Notification dated 30th October 2019	0.00% CERC Notification dated 13th May 2020	0.00% CERC Notification dated 12th October 2020	0.93% CERC Notification dated 13th April 2021	0.00% CERC Notification dated 27th Oct 2021	0.00% CERC Notification dated 18th April 2022	
Annual Escalation Rates for Domestic Coal	13.78% CEI	0.00% CEI	0.00% CEI	21.66% CEH	0.88% CEF	0.00% CEF	0.00% CEF	0.00% CEF	0.93% CEF	0.00% CEF	0.00% CEF	3.39%
Month	May-17	Oct-17	Jun-18	Oct-18	Apr-19	Oct-19	May-20	Oct-20	Apr-21	Oct-21	Apr-22	Average

LPPF Escalation calculation for projection of ECR of DVC generating stations

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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

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

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.

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
	Escalation Rates based on WPI for Non-coking Coal G1-G17	Escalation Rates based on WPI for Non-coking Coal G7-G14	Non-coking Coal G7- G14) for Correcting the Payment Index (base energy charges)
(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%*	(m)
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

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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	()20110
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	0.0170
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	0.0070
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

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

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

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%

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8	Inflation rate to be applied to indexed energy charge	0.98%
	component in cases of captive fuel source	

(a) 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.

*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.

> Sd/-(Sanoj Kumar Jha) Secretary

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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



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



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

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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	0.0070

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

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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



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

 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 $(CC_v) =$

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 (CCm) =

Capacity Charge for Peak Hours of the Month (CCp) +

Capacity Charge for Off-Peak Hours of the Month (CCop)

Where,

High Demand Season:

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

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

$$CC_{p3} = \{(0.20 \text{ xAFC})x\left(\frac{1}{4}\right)x\left(\frac{PAFMp}{NAPAF}\right) \text{ subject to ceiling of } (0.20 \text{ xAFC})x\left(\frac{1}{4}\right)\} - (CCp1 + CCp2)]\}$$

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

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

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

Low Demand Season:

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

$$CC_{p2} = \{(0.20 \text{ xAFC})x\left(\frac{1}{6}\right)x\left(\frac{PAFMp2}{NAPAF}\right) \text{ subject to ceiling of } (0.20 \text{ xAFC})x\left(\frac{1}{6}\right)\} - CCp1$$

$$CC_{p3} = \{(0.20 \text{ xAFC})x\left(\frac{1}{4}\right)x\left(\frac{PAFMp3}{NAPAF}\right) \text{ subject to ceiling of } (0.20 \text{ xAFC})x\left(\frac{1}{4}\right)\} - (CCp1 + CCp2)$$

$$CC_{p4} = \{(0.20 \text{ xAFC})x\left(\frac{1}{3}\right)x\left(\frac{PAFMp4}{NAPAF}\right) \text{ subject to ceiling of } (0.20 \text{ xAFC})x\left(\frac{1}{3}\right)\} - (CCp1 + CCp2 + CCp3)$$



- $CC_{p5} = \{(0.20 \text{ xAFC})x\left(\frac{5}{12}\right)x\left(\frac{PAFMp5}{NAPAF}\right) \text{ subject to ceiling of } (0.20 \text{ xAFC})x\left(\frac{5}{12}\right)\}$ (CCp1 + CCp2 + CCp3 + CCp4)
- $CC_{p6} = \{(0.20 \text{ xAFC})x\left(\frac{1}{2}\right)x\left(\frac{PAFMp}{NAPAF}\right) \text{ subject to ceiling of } (0.20 \text{ xAFC})x\left(\frac{1}{2}\right)\}$ (CCp1 + CCp2 + CCp3 + CCp4 + CCp5)
- $CC_{p7} = \{(0.20 \text{ xAFC})x\left(\frac{7}{12}\right)x\left(\frac{PAFMp7}{NAPAF}\right) \text{ subject to ceiling of } (0.20 \text{ xAFC})x\left(\frac{7}{12}\right)\}$ (CCp1 + CCp2 + CCp3 + CCp4 + CCp5 + CCp6)
- $\{(0.20 \text{ xAFC})x\left(\frac{2}{3}\right)x\left(\frac{PAFMp8}{NAPAF}\right) \text{ subject to ceiling of } (0.20 \text{ xAFC})x\left(\frac{2}{3}\right)\} -$ CC_{p8}= (CCp1 + CCp2 + CCp3 + CCp4 + CCp5 + CCp6 + CCp7)
- $CC_{p9} = \{(0.20 \text{ xAFC})x\left(\frac{3}{4}\right)x\left(\frac{PAFMp}{NAPAF}\right) \text{ subject to ceiling of } (0.20 \text{ xAFC})x\left(\frac{3}{4}\right)\}$ (CCp1 + CCp2 + CCp3 + CCp4 + CCp5 + CCp6 + CCp7 + CCp8)

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

- $CC_{op2} = \{(0.80 \text{ xAFC})x\left(\frac{1}{6}\right)x\left(\frac{PAFMop2}{NAPAF}\right) \text{ subject to ceiling of } (0.80 \text{ xAFC})x\left(\frac{1}{6}\right)\}$ CCop1
- $CC_{op3} = \{(0.80 \text{ xAFC})x\left(\frac{1}{4}\right)x\left(\frac{PAFMop3}{NAPAF}\right) \text{ subject to ceiling of } (0.80 \text{ xAFC})x\left(\frac{1}{4}\right)\}$ (CCop1 + CCop2)
- $CC_{op4} = \{(0.80 \text{ xAFC})x\left(\frac{1}{3}\right)x\left(\frac{PAFMop4}{NAPAF}\right) \text{ subject to ceiling of } (0.80 \text{ xAFC})x\left(\frac{1}{3}\right)\}$ (CCop1 + CCop2 + CCop3)
- $CC_{op5} = \{(0.80 \text{ xAFC})x\left(\frac{5}{12}\right)x\left(\frac{PAFMop5}{NAPAF}\right) \text{ subject to ceiling of } (0.80 \text{ xAFC})x\left(\frac{5}{12}\right)\}$ (CCop1 + CCop2 + CCop3 + CCop4)u

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

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

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

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

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 nth Month in a specific Season;

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

AFC = Annual Fixed Cost;



- PAFM_{pn} = Plant Availability Factor achieved during Peak Hours upto the end of nth Month in a Season;
- PAFM_{opn} = Plant Availability Factor achieved during Off-Peak Hours upto the end of nth 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 underachievement or over-achievement, vis-à-vis the NAPAF in Peak and Off-Peak Hours of

de

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

Where,

AUX = Normative auxiliary energy consumption in percentage.

DCi = Average declared capacity (in ex-bus MW), for the ith 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



\$13

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



Projected Renewable Purchase Obligation (RPO) of DVC for the period FY 2021-22 to 2022-23

			FY 2022-23			FY 2023-24	
DETAILS OF RENEWABLE PURCHASE OBLIGATION			Estimated			Projected	
		Jharkhand	West Bengal	Total	Jharkhand	West Bengal	Total
Firm sale to DVC Consumers(MU)	A	8714.72	10246.05	18960.77	9263 00	thank we	- 1 - 1000
Firm sale to licensees included above in firm mode (MU)	8	0.00	R08 R1	10 003	20.002	1/15001	13354.78
Hydro Power Consumption from Own station (based on sales ratio in JH &NVR)	8	102 84	10.020	19.070	0.00	656.17	656.17
Hydro Power Consumption from external sources		40.761	71.077	419.55	211.98	244.56	456.54
(based on sales ratio in JH & WB)	82	295.28	347.17	642.45	297.48	343.19	RADR7
Firm sale considered for RPO(MU)	C = A-B -B1 -B2	8226.60	9043.35	17260 04	0103 00	10100	10:040
Color mini sate vi UYO (MU) Salac ratio for hosthood 8 Mini D	D = TOTAL OF 'A'	18960.77		18060 77	0(00:00	1 70 3447.85	18201.41
Curantum of T&D face of a west beingal part of UVC	E = A/D (%)	45.96%	54.04%	110000	I VOLA JA		19954.78
Uditurit of Low loss of entire LVC (MU)	E	-icró	20	FOR 20	40.42%	53.58%	
Total ross appointoned to unarkhand & West Bengal part (MU)	G=ExF	232.66	273 EA	000.60	270		525.09
Total energy requirement for firm sale (MU)	H=C+G	8459.27	9316.89	17776 46	243.74	281.34	-
Applicable percentage for solar RPO as per the applicable Regulation	-	11.50%	6.00%		10.100	7000 B	18726.49
Applicable percentage for non solar RPO as per the applicable Regulation	-	11 5002	4.4 Prince			8 000	
Quantum of Solar RPO for the year (MLI)	1	a/.nc.11	11.00%	1	12.50%	11.00%	1
Quantum of Non Solar RPD for the vear fMI II	X=X	972.82	559.01	1531.83	1124.66	583 75	1700 14
	HXD=1	972.82	1024.86	1997.67	1124.66	1070.21	2104 87
rotal shortrall in Solar KPO from previous years (FY16-17 to FY19-20) (MU)	W	1094.94	0.00	1094,94	1094.94	0.00	1004 04
orioritati in Solar KPO trom previous years (FY16-17 to FY19-20) to be fulfilled in MYT period @95% (MU)	d N=(95% of M) / 5	208.04	0.00	208.04	AU RUC	0.00	an one
Shortfall in Solar RPO up to FY 2021-22 (MU)	N1	1380.32	445.64		50007	00'n	208.04
Shortfall in Solar RPO up to FY 2021-22 (MU) to be fulfilled in FY 22-23 & 23. 24	N2 = 50% of N1	120 20 20	410.04	1804.86	1389.33	415.54	1804.86
Total Solar RPO to be fulfilled in the year		00,450	201.112	902.43	694.66	207.77	902.43
Total Shortfall in Non-Solar RPO from previous years (FY16-17 to FY 20-21)	C=K+N+N1	1875.52	766.78	2642.30	2027.36	791.52	2818.88
	d.	1003.03	0.00	1003.03	1003.03	0.00	1002 02
shortrall in Non-Solar KP/O from previous years (FY16-17 to FY 20-21) to be fulfilled in MYT period @95% (MU)	Q=(95% of P) / 5	190.58	0.00	190.58	190 58	000	00.000
Shortfall in Non-Solar RPO upto FY 2021-22 (MU)	01	1355.00	1507 BA		2010	0.5	120.05
Shortfall in Non-Solar RPO upto FY 2021-22 (MU) to be fulfilled in FY 22-23 & 23-24	Q2 = 50% of Q1	677.65	700 00	08.2062	1355.09	1597.70	2952.80
Total Non-Solar RPO to be fulfilled in the vear	1000110	200112	1 20.02	14/0.40	677.55	798.85	1476.40
Solar Energy Generation from MTPS, KTPS Solar PV	N=L+U+U1	1840.94	1823.71	3664.65	1992.79	1869.06	3861.85
Solar Energy purchased through DVC's Solar Generation (MU)	83	0.03	0.03	0.07	0.04	0.04	0.08
Solar energy purchased through conventional route (MU)	N N	0.00	2.57	3.45	0.88	2.57	3.45
Solar energy purchased through GDAM (MU)		10.00		53.95	54.75		54.75
Solar RPO to be met for Jharkhand & West Bengal through purchase of Solar	U= (R1+R2+S+T) x (Solar RPO of	11.0.04		178.64	214.36		214.36
Shortfell for Solar DDO at the solar so	DVC) DVC	166.00	70.10	236.10	194.47	78.18	272.65
Non-Solar energy purchased through CTAM Auton	N=0-U	1709.52	696.68	2406.20	1832.90	742 34	10 226
	M In the second	178.64		178.64	214.36	10.01	214 ac
Non-Solar FerO metror unarkhand & West Bengal part through purchase of Mon-Solar Energy (MU)	VB) / (Total Non-Solar KPU of JH or WB) / (Total Non-Solar RPO of DVC)	89.74	88.90	178.64	110.62	103.75	214.36
Non solar KPO met through applicable hydro generation (MU)	۲.	13.69	0.00	13.60	10 11		
Shortfall for Non Solar RPO to be met through REC purchase (MU)	Z=R-(X+Y)	1727 54	4724 D4		10.41	0.00	14.37
		Intinti	10'6011	34/2.32	1867.81	1765.31	2622 45

RPO COST PROJECTION		FY 2022-23	FY 2023-24
A. CALCULATION FOR ENTIRE DVC:			
Total Solar RPO of entire DVC (MU)	A	2642 3D	2818 88
Solar RPO met through purchase of solar power (MU)	: 0	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)		6.75	6.90
Rate of Solar REC (Rs./ Kwh)	ш	1.132	1.132
Cost of solar energy (Rs. Lakhs)	F=B×D	15947.69	18812.63
Cost of solar REC (Rs. Lakhs)	G=C×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)	-	3650.96	3847.48
Non-solar RPO met through purchase of Non-solar power from GDAM (MU)	л	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)	-	572	6.00
Rate of Non-solar REC (Rs/ KWH)	Σ	1 132	1 132
Cost of Non-solar energy from GTAM (Rs. Lakhs)	N=J×L	10211.05	12865.92
Cost of Non-solar REC (Rs. Lakhs)	O = K × M	39299.76	41119.66
Total cost of non solar RPO (Rs Lakhs)	D = 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)	: v	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 × S	11212.62	13418.29
Cost of solar REC (Rs. Lakhs)	V=ExT	19348.36	20744.74
Total Cost of solar KPO for Jharkhand (Rs. Lakhs)	N + N = M	30560.98	34163.02
I otal Non-Solar KPO in Jharkhand part of DVC (MU)	×	1827.25	1978.42
Non-solar Kr-U met tinough purchase of Non-solar power from GDAM (MU)	٢	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=LxY	5129.53	6639.05
Cost of Non-solar REC (Rs. Lakhs)	BB = M × 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)	۲£ ۲£	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)	$HH = D \times FF$	4735.07	5394.35
Cost of solar REC (Rs. Lakhs)	II = E × GG	7885.05	8073.59
Total Lost of solar RPO for West Bengal (Rs. Lakhs)	11 + HH = CC	12620.12	13467.94
	KK	1823.71	1869.06
NOI-Solar KFO met mough purchase of Non-solar power from GUAM	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 × LL	5081.52	6226.86
Cost of Non-solar REC (Rs. Lakhs)	00 = M × MM	19634.60	19979.83
1 otal cost of non solar RPO for West Bengal (Rs. Lakhs)	PP = NN + 00	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)

		FY 2022-23	FY 2023-24
Station	INSTALLED CAPACITY (MW)	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 1: Projected Own Generation (Ex - Bus) for FY 2022-23 & FY 2023-24 (in MU)

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

SOURCE	Allocation to DVC	FY 2022-23	FY 2023-24
	(MW)	Estimated	Projected
NHPC			
Rangit	6.00	31.29	30.98
Teesta	44.00	232.09	232.53
NTPC			
TSTPS Stage 1	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 4 : Projected Power Purchase details from Non Renewable Sources for FY 2022-23 & FY 2023-24 (in MU)

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

		EN/ 2022 22	(IN MU)
ITEM	Allocation to DVC (MW)	FY 2022-23 Estimated	FY 2023-24
SOLAR:	(Estimated	Projected
Talcher	10.00	13.46	12.00
Unchahar	10.00	13.46	13.60 13.60
Rajasthan	20.00	27.02	27.56
Sub-Total	40.00	53.95	54.75
STU loss for Rajasthan Solar Powe		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 (N	(UN	3.45	3.45
TOTAL SOLAR ENERGY AT DVC		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
Fotal 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

Consumer Category	I	FY 2022-23 (Estimated)	0		FY 2023-24 (Projected)	(1
Comment Cardeory	Jharkhand	West Bengal	Ratio (JH: Total)	Jharkhand	West Bengal	Ratio (IH- Total)
LT	41.05	0.49	0.00	10.00	0	(1010 T 1770) 00000
Industriae_11 KV	100	0110	66.0	45.05	0.50	0.99
	3.05	,	1.00	4.50		1 00
Industries - 33 KV	4866.79	5742 51	0.46	5174.01		1.00
Industries - 132 KV	11 11	10:00 10	01-0	10.4/10	25.2660	0.46
THE PLAN PARTY AND	630.16	2491.53	0.20	670.04	10 0050	0.00
I raction - 132 KV	283.87	1 67	0.00	10100	10000	N7*N
Industries - 220 KV	1040 50	10.1	66.0	48.100	1.75	0.99
	1849.50	1381.04	0.57	1966.55	1441.12	0.58
LICENSEES - 33 KV	347.15	392.71	0.47	360.17	01070	0
Licensees - 132 KV	11 02	001.100		207.14	402.13	0.47
	41.040	236.10	0.75	737.01	246.37	0.75
TOTAL	8714.72	10246.05	0.4596	9267.52	10601 77	0.4243
				#2: D#/	1/11/001	0.4043

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

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
findam)	Estimated	Projected
T (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
fingen o	Estimated	Projected
(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)

TRA D		FY 2(FY 2022-23	FY 20	FY 2023-24
Consumer Category		Estir	Estimated	Proje	Projected
110		Jharkhand	West Bengal	Jharkhand	West Benoal
Industries- 11 KV		6.02		7.53	
Industries - 33 KV		853.39	887.73	907.40	35 960
Industries - 132 KV		141.89	341.40	150.87	36.955
Traction - 132 KV		85.45	5.00	90.85	2005
Industries - 220 KV		208 57	760 50	01.000	00.0
UVI CC accounting		10.000	60.007	528.10	269.84
LICCIISCES - 33 N.V		84.68	151.32	90.04	157.91
Licensees - 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.)

	FY 2	FY 2022-23	FY 20	FY 2023-24
Consumer Category	Esti	Estimated	Proj	Projected
	Jharkhand	West Bengal	Jharkhand	West Bengal
LT	5	2	5	2
Industries- 11 KV	30	2	70	9
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
Licensees - 33 KV	5	П	9	12
Licensees - 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

		JHARKHAND			JHARKHAND	
Consumer Category		Estimated			Projected	
		FY 2022-23			FY 2023-24	
	STINDA V IGUIS	CONNECTED	CONSUMPTION	STIMO A Idalla	CONNECTED	CONSUMPTION
	SUPPLY FUINTS	LOAD (KW)	(MU)	SURFLY FOUNTS	LOAD (KW)	(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	CONSUMPTION	SUPPLY POINTS	CONNECTED	CONSUMPTION
		LOAD (MVA)	(MU)		LOAD (MVA)	(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	П	141.89	630.16	12	150.87	670.04
Traction - 132 KV	9	85.45	283.87	7	90.85	301.84
Industries - 220 KV	2	308.57	1849.50	2	328.10	1966.55
Licensees - 33 KV	5	84.68	347.15	9	90.04	369.12
Licensees - 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

5781 1	Financial Vaar	FY 2022-23	FY 2023-24	
12/12	Fulaticial Teat	Estimated	Projected	
Energy input in D'	it in DVC system (MU)	874.68	884.68	
1782				
Energy output fror	put 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

L

STATION	FY 2022-23	FY 2023-24
	Estimated	Projected
DTPS U# 4	19200.51	64 744 79
MTPS U#1 to 3	54150.21	00 02005
MTPS U#4*		NAV# INVA
CERC order dtd 30.11.2022)	14568.46	15088.28
MHS	4777.36	C1 0204
SHe	4493.65	4687.05
CHS	1272.89	131621
C&D System **		110-1-01
CERC order dtd. 23.07.2022 & 02.03.2022)	49997.20	50665.45
ATPS U#5 & 6	48303 89	40777 33
ATPS U# 7,8	120991.83	123173.62
CTPS U# 7&8	68480.60	70105 00
OSTPS 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

and and a second second		FY 2022-23	1-23			FY 2023-24	23-24	
STATION	High Demand (HD	nd (HD) Season	Low Demar	Low Demand (LD) Season	High Deman	High Demand (HD) Season		Low Demand (LD) Season
	Peak (p)	Off-Peak (on)	Pault (n)	Off Bank land	Bart for	Contra 1 1		mount (and a
TPS I I# 4	24.0002		Id upo y	CULT CAR (UD)	reak (p)	UII-Feak (op)	Peak (p)	Off-Peak (op)
	14.00%	/4.00%	74,00%	74.00%	74.00%	74.00%	74.00%	74 00%
LIPS U#1 to 3	85.00%	85.00%	85.00%	85.00%	85.00%	85 00%	85 00%	04 0007
TPS U#4	85.00%	85 00%	84 000%	0 × 000	06 0002	02.000	07/07/0	0/.00.20
UIC .		I	1	8/10/00	0200.00	0200.02	0//00.08	85.00%
00		80.00%	0			80.00%	0%	
12		80:00%	0			7600.08	700	
IS		80.00%				0.09	0.0	
& D SYSTEM		000.000				0/JUL/0	070	
WILTER		6600.66	0			%00.66	0%	
1PS U# 5 & 6	85.00%	85.00%	85.00%	85 00%	05 M062	L		OA DHAL
TPS U# 7 & 8	85 00%	25 0002	04 0002	00,000	07,007.0	0200.00	0//UN/CQ	0/00/08
TPS 11# 7.8-8	02 0/02/	020020	0/00/0	8/00.00	02.00.28	85.00%	85.00%	85.00%
orne it # 1 6. 4	02/10/20	020028	85,00%	85.00%	85.00%	85.00%	85.00%	85 00%
7 X 1 H 0 C 1 C	85.00%	85.00%	85.00%	85.00%	85.00%	85 00%	84 00%	0 C 0/0/
TPS U # 1 & 2	85.00%	85.00%	85.00%	85.00%	85 00%	85 000/2	25 000Z	02.0070
TPS A	85.00%	85.00%	85.00%	85.00%	85 00%	85 00%	85 00%	02.0070
TPS U # 1 & 2	85.00%	85.00%	85.00%	85 00%	R\$ 000%	25 0002	02.000.00	02,0070 05 0002

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



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

		FY 2022-23			FY 2022-23	
STATION	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 0002			
MTPS U#1 to 3	2015 96	1015 00	0/00/1			,
MTPS II# 4	00.0167	02.0162	100.00%	2987.16	2987.16	100 00%
HVDFI	1309.95	1309.95	100.00%	1247.87	1247.87	100.00%
MTDS Sclor DV	431.60	431.60	100.00%	469.11	469.11	100.000
	0.0329	0.0329	100.00%	F020 0	0.0204	100,000
N I PS Solar PV	0.0329	0.0329	100.000	10000	+400.0	100.00%
Sub Total	17/0 30		1/0//0/1	460.0	0.0394	100.00%
MTPS 11#5 & 6	4 / 03.38	4768.38	100.00%	4704.22	4704.22	100 00%
MTPS 11# 7.6.0	3091.14	1877.76	60.75%	3050.40	1762 52	57 720/
CTDS 114 76.0	6155.71	1986.48	32.27%	6374.79	227135	25 620/
OFTDS 111 8.3	3164.44	1213.69	38.35%	3050.42	10 0111	0/ 00.00
2 20 1 0 CJ 160	6178.76	3355.78	54.31%	6374.84	3304 51	51 040/
01150 UF 1 66 2 01156 141	6376.93	283.10	4.44%	6374.95	613.02	0/4010
DTDC 11	3309.90	1487.51	44.94%	CL 8665	1672.66	9,07%
X1P5 U # 1 & 2	5482.94	2123.49	38 730/	\$0,000	00.0101	0/1.04%
Sub Total	33759.82	12327.81	26 570/	1411070	75.1762	43.14%
Total	39579 10	1400/ 10	0/ 70.00	74414.9/	13309.31	38.67%
	61.04000	1/02019	44.37%	39119.20	18013.53	46.05%



Total Recoverable Fixed charge from Firm Consumers (in Rs. Lakh)		19200 51	54150.21	14568.46	2328.68	2246.83	636.44	\$0250.99	143442.12	20342 83	39044 62	2626513	65743.05	5603.79	42681.71	60871.68	269552.80	20 F0021F
Recoverable Contribution to P&G Fund and Contribution & Interest on Sinking Fund (in Rs. Lakh)		898.18	2694.53		135.15	171.08	8.55		3907.50	2574.71	2544.27	2281.65	16/69/29	550.38	961.08	2437.02	17719.02	21626.52
Share of firm consumer (%)		100%	100%	100%	100%	100%	100%	100%		60.75%	32.27%	38.35%6	54.31%	4.44%	44,94%	38,73%		
Tatal Recoverable fixed charge according to CERC formula (in Rs. Lakh)		18302.33	51455.67	14568.46	2253.53	2075.74	627.89	\$0250.99	139534,62	44065,43	113107.63	62531.70	109319.46	11382835	92833.60	150880.65	686566.83	826101.45
Annul Fixed Charge excluding Contribution & Interest on Sinking Fund (AFC) (in Rs. Lakh)		18302.33	51455.67	14568.46	2253.53	2075.74	627.89	49997.20	139280.83	44065.43	113107.63	62531.70	109319.46	113828.35	92833.60	150880.65	686566.83	825847.66
Contribution to P&G Fund and Contribution & Interest on Sinking Fund (in Rs. Lakh)		898.18	2694.53		135.15	171.08	8.55		3907.50	4238.46	7884.20	5948.90	11728.45	12397.39	2138.52	6292.49	50628.41	54535.91
Annual Fixed Charge (AFC) (in Rs. Lakh)		19200.51	54150.21	14568.46	2388.68	2246.83	636.44	49997.20	143188.33	48303.89	120991.83	68480.60	121047.92	126225.74	94972.12	157173.15	737195.24	880383.57
	LD-op	74.0	85.0	85.0						85.0	85.0	85.0	85.0	85.0	85.0	85.0		
alibility (PAFY)	LD-p	74.0	85.0							85.0	85.0	85.0	85.0	85.0	85.0	85.0		
Projected Yearly Availability (PAFY)	HD-op	74.0	85.0		80.0	80.0	80.0	0.66		85.0	85.0	85.0	85.0	85.0	85.0	85.0		
	HD-p	74.0	85.0	85.0						85.0	85.0	85.0	85.0	85.0	85.0	85.0		
Normative Availibility (NAPAF)		74.0	85.0	85.0	80.0	80.0	80.0	5.86		85.0	85,0	85.0	85.0	85.0	85.0	85.0		
Station		OTPS U# 4	MTPS U#1 to 3	MTPS U# 4	NHS	PHS	THS	& D System	SUB-TOTAL	ATPS U#5 & 6	ATPS U# 7&8	TPS U # 7,8	DSTPS U#1&2	CTPS U#1&2	BTPS 'A'	STPS U # 1 & 2	SUB-TOTAL	RAND TOTAL

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

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 A	Projected Yearly Availibility (PAFY)		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)	Total Recoverable fixed charge according to CERC formula (in Rs. Lakh)	Share of firm conumer	Recoverable Contribution to P&G Fund and Contribution & Interest on Sinking Fund (in Re. Lakb)	Total Recoverable Fixed charge from Firm Consumers (in Rs. Lakh)
		HD-p	HD-op	LD-p	LD-op							
TPS U#1 to 3	85.0	85.0	85,0	85.0	85.0	59072.00	2821.19	\$6250.81	56250.81	100.00%	2821.19	59072.00
TPS U// 4	85.0	85,0	85.0	85.0	85.0	15088.28		15088.28	15088.28	100.00%		15088.28
NHS	80.0		80.0	0		2489.56	141.51	2348.05	2348.05	100.00%	141.51	2489.56
	80.0		80.0	0		2343.52	179.12	2164.40	2164.40	100.00%	179.12	2347.52
	80.0		80	0		660.81	8.96	651.85	651,85	100.00%	8.96	660.81
D System	98.5		66	0		50665.45		50665.45	50922.64	100.00%	•	50922.64
1-TOTAL						130319.62	3150.78	127168.84	127426.03		3150.78	130576.81
PS U#5 & 6	85.0	85.0	85.0	85.0	85.0	49777.33	4485.98	45291.34	45291.34	57.78%	2542.00	76 192XC
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
IS 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
PS 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	62025.03
SU#1&2	85.0	85.0	85.0	85.0	85.0	125154.00	13166.86	111987.14	111987.14	9.62%	1266.15	12015 00
.V. S	85.0	85.0	85.0	85.0	85.0	93387.52	2239.04	91148.47	91148.47	5184%	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	6635139
1-TOTAL						735068.12	53611.85	681456.28	681456.28		19601.67	287045.03
AND TOTAL						R65387 74	56762 63	\$15675C12	0102010		17 1266	10.000



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

	FY 2022-23	FY 2023-24
Station	ECR (P/Kwh)	ECR (P/Kwh)
	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

		FY 2022-23			FY 2023-24	
Station	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)
TPS 11# 4	396.65	110.89	4398.62			
ATDS 1141 to 3	381.15	2915.86	111139.38	393.93	2987.16	117673.56
4TDS 114 4	381.15	1309.95	49929.22	393.93	1247.87	49157.46
TIES UF 4		431.60	5271.95	•	469.11	5493.89
ATDC Sclar DV	323.00	0.0329	1.06	323.00	0.0394	1.27
The solution of the solution o	416.00	0.0329	1.37	416.00	0.0394	1.64
ATDS 1146 B. 6	25 002	1877.76	73336.43	403.64	1762.52	71142.21
1112 UH2 CC 0	272 77	1986.48	74248.81	386.29	2271.35	87740.64
ALES UF /000	204.96	1213 69	47923.26	408.12	1112.91	45420.66
0.1 / 2 O # 7,8	26 967	3355.78	143038.72	440.58	3304.51	145589.14
0.01F3 U # 1 00 Z	201 42	283.10	11251.13	410.79	613.03	25182.42
DTDC 'A'	281.17	1487.51	41824.42	290.59	1673.66	48635.81
2TPS II # 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)

de

Items		
Items	FY 2022-23	FY 2023-24
	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

	FY 2022-23	FY 2023-24
Station	Avg. Rate (P./Kwh)	Avg. Rate (P./Kwh)
	Estimated	Projected
NHPC		number
Rangit	381.66	398.51
Teesta	159.99	162 74
NTPC		1.1.100
TSTPS Stage 1	295.40	05 000
PTC		0.000
Chukha	240.17	240.17
Kurichu	217.22	217.22
Tala	216.05	216.05
MPL	422.89	428.53
NTPC Solar Power	935.56	935.56
NVVNL Solar Power	1040.79	1042.45
NVVNL Solar Power Transmission Charges	149.13	149.37
Rooftop Solar PV System (Jyoti Kiran)	331.00	331.00
Contingency Purchase	562.38	590.50
GDAM Power	571.61	600.19
Solar REC	113.18	113.18
Non Solar REC	113.18	113.18

		FY 2022-23	3			FV	FY 2023-24	
		Estimated				Pri	Projected	
Source Stations	MU (GROSS)	MU (NET)	Rate (P./Kwh)	Total Cost (Rs. Lakhs)	MU (GROSS)	MU (NET)	Rate (P./Kwh)	Total Cost (Rs. Lakhs)
NHPC						00.00	100 41	UF FECI
Rangit (NHPC)	31.29	30.23	381,66	1194.15	30.98	56.67	10.020	04/4071
Teesta (NHPC)	232.09	224.26	159.99	3713.16	232.53	225,10	162.74	3/84.13
Sub-total	263.38	254.50	186.32	4907.31	263,50	255.03	190.45	5018.53
NTPC							1000	110.00
TSTPS Stage 1	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
							046 62	11 11 1 1
NTPC Solar Power	26.92	26.92	935.56	2518.95	27.19	27.19	05.556	2344.14
NTPC - VVNL Solar Power	27.02	26.15	1040.79	2812.29	27,56	26.67	1042.45	2873.12
NUVNI Solar Dower (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 nower from Bhutan								
Chukha (PTC)	187.72	181.39	240.17	4508.43	187.90	181.56	240.17	4512.80
Kueichu (PTC)	38.40	37.11	217.22	834.19	39.37	38.04	217,22	855.18
Tala (DTC)	152.95	147.79	216.05	3304.47	149.89	144.84	216.05	3238.52
Sub-total		366.28	228.11	8647.08	377.16	364,44	228.19	8606.50
						110.22	130.01	1560515
MPL	1054.00	1018.44	422.89	44572.38	1066.32	CC-0001	CC'074	C1-2/024
					440.44	02 1.71	600.60	21160.70
Contingency Purchase	358.36	346.27	561.38	20153,14	05.855	00'000	nonnec	
		41.5	111.05	11417	314	3.45	331.02	114.17
Rooftop Solar PV System (Jyoti Kiran)	2650	0000						
CDAM Purchase (Salar & Non-Salar)	357.27	357.27	571.61	20422.09	428.72	428.72	61/009	25731,84
APART & MICHAR (2004) APART AVAIL								
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 23 :- Projected power purchase cost from Renewable & Non Renewable sources for FY 2022-23 & FY 2023-24 (In Rs. Lakh)



	FY 2022-23	FY 2023-24	
ITEM	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 24 :- Projected Incidendental charges related to power purchase for FY 2022-23 & FY 2023-24

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

		(in Rs. Lakh)
YEAR	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)

SI. No.	Particular	FY 2022-23	FY 2023-24
51, 140,	rarticular	Estimated	Projected
А	Revenue from sales in Jharkhand	606118.71	648403.59
В	Cost of power purchase allocated for Jharkhand in the ratio of sales	98304.35	106691.88
С	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
Н	Interest on working capital (F x G)	8648.08	9249.10

		FY 2022	-23
S No.	Station/item	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	4,14,220.6
22	Ratio of sales in Jharkhand part to total firm sale in entire DVC	45.96%	45.969
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	-	8,648.03
26	Interest on security deposit	-	1,178.70
27	Tariff Filing Fees & Publication Expenses in JSERC	-	75.3
28	Rebate and discount allowed to consumers	12,122.37	
29	ARR for Jharkhand Area (SI. No. 23+24+25+26+27+28)	4,05,833.00	2,00,285.7
30	NET ARR Jharkhand (SL. NO. 29)	4,05,833.00	2,00,285.70
31	TOTAL ARR	.1	6,06,118.7
	PARTICULARS		QUANTUM
1	Total ARR (in Rs. Crs.)	А	6061.19
2	Sale in Jharkhand (in MU)	В	8714.72

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



		FY 2023	-24
S No.	Station/item	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	43,887.03
10	CTPS 7 & 8	45,420.66	25,577.0
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	48,409.0
14	RTPS 1 & 2	1,01,072.66	66,351.3
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	-	83.5
18	Less: Non Tariff Income (NTI)	6,484.04	
19	Add: Interest on Temporary Financial Accomodation	6,051.77	
20	Add: Legal Charges	-	694.4
21	Total (Sl. No. 1 to 20-18)	7,93,056.32	4,18,870.1
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	1,94,490.2
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	-	9,249.1
26	Interest on security deposit	-	1,443.7
27	Tariff Filing Fees & Publication Expenses in JSERC		77.7
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	2,05,260.8
30	NET ARR Jharkhand (SL. NO. 29)	4,43,142.75	2,05,260.8
31	TOTAL ARR	.,	6,48,403.5
	PARTICULARS		QUANTUM
1	Total ARR (in Rs. Crs.)	A	6484.04
2	Sale in Jharkhand (in MU)	В	9267.52
3	Avg Cost of Supply (in Rs. / Kwh)	С	7.00

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



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
consumer suregory	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
consumer category	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
consumer category	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

all

Form No: F4

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

		Estimated			Projected	
		FY 2022-23			FY 2023-24	
SOURCE	Net Energy (MU)	Amount (Rs. Lakhs)	Rate (Rs./Unit)	Net Energy (MU)	Amount (Rs. Lakhs)	Rate (Rs./Unit)
1) NHPC:			205	20.02	UP PECF	4.12
	30.23	1194.15	02.7	63.30 PAE 40	01-1-0-21	168
TEESTA	224.26	3713.16	1.00	01.022	21/07/10	1 07
SUB TOTAL NHPC	254.50	4907.31	1.93	50.662	CC:010C	101
3) NTPC:					00 011	0 4 0
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:					00 00 01	010
Chukha	181.39	4508.43	2.49	181.56	4512.80	247
Kurichu	37.11	834.19	2.25	38.04	855.18	C777
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	2.30
4) POWER PURCHASE FROM OTHER SOURCES:					at aver	67.7
MPL	1018.44	44572.38	4.38	1030.35	04/060040	04.4
Contingency Purchase (IEX/PXIL)	346.27	20153.14	5.82	363.58	21100112	70.0
SUB TOTAL OTHERS	1364.71	64725.51	4.74	1393.93	66836.23	4.00
5) RENEWABLE PURCHASE OBLIGATION:				00.00	CF CFU2	10.27
SOLAR POWER	53.08	5734.22	10.80	70.10	004001	0.00
(GTAM PURCHASE) SOLAR & NON-SOLAR POWER	357.27	20422.09	5.72	478.12	40'10'107	113
PURCHASE OF SOLAR REC		27233.41	1.13		20010.00	1.12
PURCHASE OF NON SOLAR REC		39299.76	1.13		41119.00	1.10
Roof top solar	3.45	114.17	3.31	3.45	114.11	10:0
SUB TOTAL RPO		92803.65	22.43	489.49	101727.12	20.18
6) TRANSMISSION CHARGES:					14007 04	
Transmission and Incidental Charges paid to PGCIL		14205.78			14201.34	
POSOCO Charges		335.23			212.12	
PTC Transmission charge		92.64			55'55	
Contribution to ERPC fund		16.00			10,00	
SUB TOTAL TRANSMISSION CHARGES		14649.65			11.1760	
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
	10500 57	10 5300X01	£ 37	20529.68	1312724.27	6.39
GRAND TOTAL	C.SUCEL	17.0077471	10.0			



Form No. S7

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

Name of Distribution Licensee : Damodar Valley Corporation

A R R L i

		(Figures in MU)
A Energy Domintement	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
D Example 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



Form No. F18 Computation of Interest on Working Capital (IWC) for the period from FY 2022-23 & FY 2023-24

Name of Distribution Licensee : Damodar Valley Corporation

Amount (In Rs. Lakhs)

			former out the supplier
CI No	Darticular	Estimated	Projected
ON .10	raruculars	FY 2022-23	FY 2023-24
A	Revenue from sales in Jharkhand	606118.71	648403.59
α	Cost of power purchase allocated for	98304 35	106691.88
2	Jharkhand in the ratio of sales	00.5000	
ပ	Two months receivable (A/6)	101019.78	108067.26
۵	One month power purchase cost (B/12)	8192.03	8890.99
ш	Security deposit held	15612.73	16595.02
ш	Working Capital (C-D-E)	77215.02	82581.25
Ċ	Interest rate (1-yr SBI MCLR as on 30.09.20	11.20	11.20
>	+ 350 bp) (%)		
н	Interest on working capital	8648.08	9249.10



Existing and Proposed Tariff (TOD)

Name of Distribution Licensee : Damodar Valley Corporation

Consumer Category	Existing component	t of Tariff (2022-23)	Proposed compone	nt of Tariff (2023-24)
consumer category	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		6.27	
Peak	4.50	350	7.53	450.00
Off-Peak	3.19		5.33	
Industries (33 KV)				
Normal	3.75		6.27	
Peak	4.50	350	7.53	450.00
Off-Peak	3.19		5.33	100.000
Industries (132 KV)				
Normal	3.75		6.27	
Peak	4.50	350	7.53	450.00
Off-Peak	3.19	000	5.33	400.00
Industries (220 KV)				
Normal	3.75		6.27	
Peak	4.50	350	7.53	450.00
Off-Peak	3.19		5.33	
Licensees (33 KV)				
Normal	3.40		5.69	
Peak	4.08	350	6.83	450.00
Off-Peak	2.89	550	4.84	430.00
Licensees (132 KV)				
Normal	3.40		5.69	
Peak	4.08	350	6.83	450.00
Off-Peak	2.89		4.84	
Traction (132 KV)				
Normal	3.40		5.69	
Peak	4.08	350	6.83	450.00
Off-Peak	2.89	07,507	4.84	100100

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Form T1

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Name of Distribution Licensee : Damodar Valley Corporation

Consumer Category	Name of Tariff Scheme	Consumption slab	No. of consumers	Consumption- Stabwise (MU)	Connected Load (KW)	Energy Charge (PIKWh)	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)
					DF CIOL	OU VOR	140.00	140.59	1,822.66	39.46	1,933.78	443.18
.T (Commercia)	NON TOD	All units	0	40.05	04010'1	000076						
		e X		Consumption- Stabwise (MU)	Contract Demand/ Connected Load (MVA)	Energy Charge (PIKVAh)	Fixed Charges (RsiKVA/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 (Re./Kwh.)
		Normal Hours(10:00 to 18:00)		1.50		375.00			129.68			
		Peak 1 (06:00 to 10:00)	-	0.75	762	450.00	350.00	316.09	11.81	14.23	681,38	1,549.74
Industries (11KV)	100	Peak 2 (18:00 to 22:00)	8	0.75	2011	450.00			18//			
		Off Peak (22:00 to 06:00)		1.50		318.75			110.23			
		Normal Hours(10:00 to 18:00)		1,724,94		375.00			66,390.91			
		Peak 1 (06:00 to 10:00)		862.47	QU7.40	450.00	350.00	38.110.74	39,834,55	4,812.06	2,35,790.96	455.65
Industries (33KV)	100	Peak 2 (18:00 to 22:00)	Atri	862.47	200 000	450.00			39,834,50			
		Off Peak (22:00 to 06:00)		1,724,94		318.75			20,452.21			
		Normal Hours(10:00 to 18:00)		123.04		340.00			4,329.03			
		Peak 1 (06:00 to 10:00)	4	61,52	on nu	408.00	350.00	3,781.82	76'180'2	339.71	16,645,86	450.85
Licensees (33KV)	1001	Peak 2 (18:00 to 22:00)	0	61.52		408.00			2,001.42			
		Off Peak (22:00 to 06:00)		123.04		289.00			3,9,9,9,0			
		Normal Hours(10:00 to 18:00)		223.35		375.00			8,481.23			
		Peak 1 (06:00 to 10:00)		111.67	+ K0 87	450.00	350.00	6,336.41	5,098.34	645.06	31,607.90	471.73
Industries (132KV)	100	Peak 2 (18:00 to 22:00)	-	111.67	100,0001	450.00			5'090'0			
		Off Peak (22:00 to 06:00)		223.35		318.75			7,222.65			
		Normal Houra(10:00 to 18:00)		245.67		340.00			8,518.80			
	100	Peak 1 (06:00 to 10:00)		122.84	191.86	408.00	350.00	6,058.09	07111°C	680.81	33,359.62	452.63
Licensees (132KV)	101	Peak 2 (18:00 to 22:00)	T	122.84		408.00			07111/2			
		Off Peak (22:00 to 06:00)		245.67		289.00			1,440,10			
		Normal Hours(10:00 to 18:00)		100.61		340.00			3,400,11			
		Peak 1 (06:00 to 10:00)	8	50.31	ON DR		350.00	3,815,87		287.08	14,066.87	455.04
Traction (132KV)	100	Peak 2(18:00 to 22:00)	D	50.31	100.00							
		Off Peak (22:00 to 06:00)		100.61		289.00			2,930,84			
		Normal Hours(10:00 to 18:00)		655.52		375.00			24,000,42			
		Peak 1 (06:00 to 10:00)	c	327.76	Of RCE		350.00	13,780.34		1,798.07	2 88,105.45	448.02
industries(220KV)	100	Pask 2 (18:00 to 22:00)	*	327.76					01/07/2/10			
		Off Peak (22:00 to 06:00)		655.52		318.75				1 577 03	4 20 273 85	455.64
	SUR TOTAL (HT)		207	9,223.88	1,766.65			74,199.37				
THE PART IN A PARTY OF A DAY			010	0 267 63				74,339.96	3,56,484.16	5,616,48		



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

Name of Distribution Licensee : Damodar Valley Corporation

Consumer Category	Name of Tariff Scheme	Consumption stab	No. of consumers	Consumption- Stabwise (MU)	Connected Load (KW)	Energy Charge (PIKWh)	Fixed Charges (Rs/KW/Month)	Fixed Charges (Total in Rs. Lakhs)	Energy Charges (Total in Rs. Lakhs.)	Rebates/Surcharges (Total in Rs. Lakins)	Total Billed Amount (Rs.Lakhs)	Cost of Supply (PIKWh)
T (Commercial)	NON TOD	All units	ω	43.63	7,810.48	441.00	160.00	149.96	1,924.29	×	2,074.25	475,37
				Consumption- Stabwise (AU)	Contract Demand/ Connected Load (MVA.)	Energy Charge (PIKVAh)	Fixed Charges (RafiCVA/Month)	Fixed Charges (Total in Rs. Lakhs)	Variable Charges (Total in Rs. Lakhs.)	Rebates/Surcharges (Total in Rs. Lakhs)	Total Billed Amount (Rs.Lakhs)	Cost of Supply (P/KWh)
		Alconel Lieuro/10/10 to 18/00		150		627.00			216.83	-	-	
		Darb 1 (06:00 to 10:00)		0.75		753.00	UU USF	406.40	130.20		1,019.12	2,264.70
industries (11KV)	100	Dank Process Warden	30	0.75	2	753,00	00.00t		130.20		-	
A STATE AND A STAT		LOAN 27 01 00 00 10 10 10 10 10 10 10 10 10 10		1 60		533.00			184.32		~	
		Cut heat (22.00 to to to the		a 754 GA		627.00			1,11,005.60	8,412.85	10	
		Normal Hours(10:00 to 18:00)		ar ar		782.00			66,656,48	4,206.42	28.04.020	700.40
A human and a	TOD	Peak 1 (06:00 to 10:00)	149	862.47	907,40		450.00	48,999.53	66.656.48	4,206,42		
(VASS) sertenous	201	Peak 2 (18:00 to 22:00)		862.47		(03.00			CASAC AD	8412.85	1.0	
		Off Peak (22:00 to 06:00)		1,724.94		00/050			TOWNSON TO			
		Normal Hours(10:00 to 18:00)		123.04		969.00			1,1992 1			
	CDUA.	Peak 1 (06:00 to 10:00)	4	61.52	90.04		450.00	4,862.34	4,040,13		29,124.38	107.74
Licensees (JUNV)		Peak 2 (18:00 to 22:00)		61.52		003.00			100 CD1 21		10	
		Off Peak (22:00 to 06:00)		123.04		484.00			0, 106 10	-	1.5	
		Normal Hours(10:00 to 18:00)		223.35		627.00			04 857 0			
		Peak 1 (06:00 to 10:00)	:	111.67	150.87		450.00	8,146.81			47,628.32	2 710.83
Industries (132KV)	100	Peak 2 (18:00 to 22:00)	-	111.67					0,00144	-		
		Off Park (22:00 to 06:00)		223.35		533:00			12,0/7,40			
		Almond Manual Amount and Amount		245.67		569.00			14,256.46		2	
		Dank 1 (06-00 to 10:00)	-	122.84	00 Por	683.00	460.00	10.360.41			52,200.50	708.27
Licensees (132KV)	TOD	Louis a second - weat	*	AP 001	121,000	683.00			8,556.38		2	
		CHERK & LIGHON IN SKINN		245.67		484.00			12,126.76		8	
				100.61		569.00			5,782.22	240.82	R	
		Normae Hours(10:00 to 10:00)		EA 24		RRIND			3,470.35	120.41	21 805 03	723.06
Tendon (13200)	100	Peak 1 (06:00 to 10:00)	0	10.00	90.85		450.00	4,908.12	3,470.35	120.41		
Factoria Lincondella		Peak 2 (18:00 to 22:00)		10.00		10,000			4,918.45	240.82	22	
		Off Peak (22:00 to 06:00)		100,61		00 404			A1 730 48	3.132.61	10	
		Normal Hours(10:00 to 18:00)		655.52		927.00			25,068,25			17.000
	4004	Peak 1 (06:00 to 10:00)	6	327.76	328.10		450.00	17,717,58			31	
(VX0XX) seitistiku	101	Peak 2 (18:00 to 22:00)	4	327.76					25, 474, 75		1	
		Off Peak (22:00 to 06:00)		655.52		233.00		of one of		-	7K 6.46.851.46	101.31
	SUR TOTAL (HT)		207	9,223.88	1,766.65			81'880'CR				
				22 7 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2				05 549 15				



Form No: T3

Form T1

Existing and Proposed Tariff (NON-TOD)

Name of Distribution Licensee : Damodar Valley Corporation

	Existing componen	Existing component of Tariff (2022-23)	Proposed compone	Proposed component of Tariff (2023-24)
Consumer Category	Energy Charges	Fixed Charges	Energy Charges	Fixed Charges
LT Consumers:				
	(Rs/kWh)	(Rs/Conn./Month)	(Rs/kWh)	(Rs/Conn./Month)
I T (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
TT Canadian				
LI CONSUMERS.	(Re/k/\Ah)	(Rs/KVA/Month)	(Rs/kVAh)	(Rs/KVA/Month)
		250	6 3R	450.00
Industries (11 KV)	3.73	000	000	10000
Industries (33 KV)	3.75	350	6.38	450.00
Industrias (132 KV)	3.75	350	6.38	450.00
Industrias (220 KV)	3.75	350	6.38	450.00
licencede (33 KV)	3.40	350	5.78	450.00
Licensede (132 KV/)	3.40	350	5.78	450.00
Traction (120 KV)	3.40	350	5.78	450.00

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Name of Distribution Licensee : Damodar Valley Corporation

											Total Dillad Amazimi	
Consumer Category	Name of Tariff Scheme	Consumption slab	No. of consumers	Consumption- Stabwise	Connected Load (KW)	Energy Charge (P/KWh)	Fixed Charges (Rs/KW/Month)	Fixed Charges (Total Energy Charges in Rs. Lakhs) (Total in Rs. Lakhs	Energy Charges (Total in Rs. Lakhs.)	(Total in Rs. Lakhs)	(Rs.Lakhs)	Cost of Supply (PIKWh)
				(MN)								
										04 VE	1 03278	443.18
				42.02	7 R10 48	420.00	150.00	140.59	1,832.550	00.20	I month	
T (Commercial)	NONTOD	All units	0	00.04	and the last of							
											State of the state	
				Consumption- Slabwise	Contract Demand/ Connected Load	Energy Charge (PIKVAh)	Fixed Charges (Rs/KVA/Month)	Fixed Charges (Total Energy Charges in Rs. Lakhs) (Total in Rs. Lakhs	Energy Charges (Total in Rs. Lakhs.)	Rebates/Surcharges (Total in Rs. Lakhs)	Total Billed Amount (Rs Lakhs)	Cost of Supply (PIKwh)
				(MU)	(MVA)	ALCONT AN	Date of the second seco					1 635.62
					L	01355	360.00	316.09	389.04	14,10	001160	
At mentione (1 + EC.D.	NON TOD	All units	8	4.50	1.33			96	\$ 00 \$7972	.4745.67	2,32,537,81	449.37
AND I CALOSIN		44 - 14	440	5 174 81	907.40	375,00	300.002					445.20
ndustries (33KV)	NON TOD	All units	Diris .	101 11 10 11 10	1000	NU UN	360.00	3.781.82	12,967.09	335.38		
Concession (2000)	NON TOD	All untits	5	369.12	1005				25,491,69	63,63	31,191,54	465.52
	NOG TOO	All tunde	11	670.04	120.87	00.076	20000			00.010	70,045,00	445.97
industries (132KV)	NON TOD	UNIVERSITY OF		AA TOP	101.86	340.00	350.00	8,058.09	25,556.39	01770		
icensees (132KV)	NON TOD	All units	4	10.101	20.02		360.020	381587	10,365.32	283.62	13,897,57	
And a source of	NON TOD	All units	9	301,84	00/06				74 675 26	11 EZZ 1	86,882,49	441.80
Landon (and a	1000	All confide	6	1.966.55	328.10	375.00	320.00				-	440 46
ndustries(220KV)	NON TOD	All UDBS	7	an even				74,199.37	3,48,837.54	5,480.74		
	SUB TOTAL (HT)		207	00'02'A				74,339.96	3,50,670.20	8,500.20	4,16,509.95	10 10 10 10 10 10 10 10 10 10 10 10 10 1
141 B 4 17 17 4 17 18 19 19 19 19 19 19 19 19 19 19 19 19 19	14		212	9,267.52		1						



Revenue from Proposed 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- Stabwise (MU)	Connected Load (KW)	Energy Charge (P/KWh)	Fixed Charges (Rs/KW/Month)	Fixed Charges (Total Energy Charges in Rs. Lakhs) (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)
T (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
				Consumption- Stebwise (MU)	Contract Demand/ Connected Load (MVA)	Energy Charge (P/KVAh)	Fixed Charges (Rs/KVA/Month)	Fixed Charges (Total Energy Charges in Rs. Lakhs) (Total in Rs. Lakh	Energy Charges (Total in Rs. Lakhs.)	Rebates/Surcharges (Total in Rs. Lakhs)	Total Billed Amount (Rs.Lakhs)	Cost of Supply (P/KWh)
ndustries (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
ndustries (33KV)	NON TOD	All units	149	5,174.81	907.40	638.00	450.00	48,999.53	3,38,859.21	25,238.55	3,62,620.19	700.74
icensees (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
ndustries (132KV)	NONTOD	All units	11	670.04	150.87	638,00	450.00	8,146.81	43,369.87	3,865.70	47,650.98	711.16
icensees (132KV)	NON TOD	All units	4	737.01	191.86	578.00	450.00	10,360.41	43,445.87	1,655.89	52,150.38	707.59
raction (132KV)	NON TOD	All units	9	301.84	90.85	578.00	450.00	4,906.12	17,621.05	722.46	21,804.71	722.39
ndustries (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
	SUB TOTAL (HT)		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)			212	9.267.52				95,549.15	5,95,348.01	41,770.75	6,49,126.42	700.43



ANNEXURE-30



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.	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 Consume	r Request based on	Revision in Original Application
	LT Connection	Rs. 100	Payable with Energy Bill
-	HT Connection	Rs. 500	Tayaole with Energy Bin
3	Testing of Consumers Installation	1	
	LT Supply	Rs. 100	Payable with Energy Bill
	HT Supply	Rs. 500	Payable with Energy Bin
4	Meter Test when Accuracy disput	ed by Consumer ²	
-	Single Phase/Three Phase	Rs. 100	
	Trivector/Special Type Meter, HT, EHT Metering Equipment	Rs. 1000	Payable with Energy Bill
	brokon		
	broken Single Phase/Three Phase Trivector/Special Type Meter, UT, EUT Matering Equipment	Rs. 200 Rs. 1000	Resealing of Meter when seals are found Payable with Energy Bill
6	Single Phase/Three Phase Trivector/Special Type Meter, HT, EHT Metering Equipment	Rs. 200	
6	Single Phase/Three Phase Trivector/Special Type Meter, HT, EHT Metering Equipment Fuse call-Replacement	Rs. 200 Rs. 1000	Payable with Energy Bill
	Single Phase/Three Phase Trivector/Special Type Meter, HT, EHT Metering Equipment Fuse call-Replacement Consumer Fuse	Rs. 200	
6 7	Single Phase/Three Phase Trivector/Special Type Meter, HT, EHT Metering Equipment Fuse call-Replacement Consumer Fuse Disconnection/ Reconnection	Rs. 200 Rs. 1000 Rs. 100	Payable with Energy Bill Payable with Energy Bill
	Single Phase/Three Phase Trivector/Special Type Meter, HT, EHT Metering Equipment Fuse call-Replacement Consumer Fuse	Rs. 200 Rs. 1000	Payable with Energy Bill Payable with Energy Bill Payable in advance along with the Consumer request. In case, the same consumer is
	Single Phase/Three Phase Trivector/Special Type Meter, HT, EHT Metering Equipment Fuse call-Replacement Consumer Fuse Disconnection/ Reconnection LT Connection HT Connection Replacement of meter card, if	Rs. 200 Rs. 1000 Rs. 100 Rs. 200 Rs. 1500 Rs. 100	Payable with Energy Bill Payable with Energy Bill Payable in a dvance along with the Consumer request. In case, the same consumer is reconnected or disconnected within 12 months, 50% will be charged extra. Payable with Energy Bill
7	Single Phase/Three Phase Trivector/Special Type Meter, HT, EHT Metering Equipment Fuse call-Replacement Consumer Fuse Disconnection/ Reconnection LT Connection HT Connection	Rs. 200 Rs. 1000 Rs. 100 Rs. 200 Rs. 1500 Rs. 100	Payable with Energy Bill Payable with Energy Bill Payable in a d v an c e a l o n g with the Consumer request. In case, the same consumer is reconnected or disconnected within 12 months, 50% will be charged extra. Payable with Energy Bill lectricity Supply Code) Regulations, 2015
7	Single Phase/Three PhaseTrivector/Special Type Meter, HT, EHT Metering EquipmentFuse call-ReplacementConsumer FuseDisconnection/ ReconnectionLT ConnectionHT ConnectionReplacement of meter card, if lost or damaged by ConsumerSecurity Deposit	Rs. 200 Rs. 1000 Rs. 100 Rs. 200 Rs. 1500 Rs. 1500 As per JSERC (E)	Payable with Energy Bill Payable with Energy Bill Payable in a d v a n c e a l o n g with the Consumer request. In case, the same consumer is reconnected or disconnected within 12 months, 50% will be charged extra. Payable with Energy Bill lectricity Supply Code) Regulations, 2015
7 10 11	Single Phase/Three Phase Trivector/Special Type Meter, HT, EHT Metering Equipment Fuse call-Replacement Consumer Fuse Disconnection/ Reconnection LT Connection HT Connection Replacement of meter card, if lost or damaged by Consumer	Rs. 200 Rs. 1000 Rs. 100 Rs. 200 Rs. 1500 Rs. 1500 As per JSERC (E)	Payable with Energy Bill Payable with Energy Bill Payable in a d v a n c e a l o n g with the Consumer request. In case, the same consumer is reconnected or disconnected within 12 months, 50% will be charged extra. Payable with Energy Bill lectricity Supply Code) Regulations, 2015

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.

³*Applicable 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

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

...Respondent(s)

all



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 is 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.

 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



Order in Petition No. 482/TT/2020

Page 3 of 5

Particular	2019-20	2020-21	2021-22	2022-23	2023-24
	-64.41	-105.28	-37.02	-0.28	-6.61
De-Capitalisation Repayment during the year	0.00	878.65	2890.96	967.42	475.21
	10347.58	12466.33	10639.40	9974.42	9928.33
Net Loan-Closing 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

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:

				(₹ ii	n 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



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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 Allo	wed: -				
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	d: -				
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/-	sd/-	sd/-
(P. K. Singh)	(Arun Goyal)	(I. S. Jha)
Member	Member	Member



Order in Petition No. 482/TT/2020

CERC Website S. No. 390/2022

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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

٧s

- West Bengal State Electricity Distribution Company Limited Block 'DJ' Sector-11, Salt Lake City Kolkata – 700 091
- 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)



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Order in Petition No. 205/GT/2020

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 DV 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

	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:

	N			(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) Note: (1) All figures are on annualized I	16706.91	17344.73	17777.24	15482.04	13103.14

Order in Petition No. 205/GT/2020

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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 laki
	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

(De in lakh)

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
	0.00	0.00	0.00	132.66	243.55
Depreciation		2.52	2.81	6.93	5.53
Interest on loan	1.11		3345.44	3345.81	3349.96
Return on Equity	3362.97	3355.52		1629.82	1646.97
Interest on Working Capital	1821.14	1713.89	1612.58		7946.40
O&M Expenses	6921.60	7165.20	7415.10	7677.60	
Water Charges	583.90	640.54	704.59	775.05	854.89
	501.48	523.54	546.58	570.63	595.74
Security Expenses	13192.20	13401.21	13627.10	14138.50	14643.04
Sub-total (A)	0.00	0.00	0.00	0.00	0.00
Share of P&G		28.00	27.80	27.78	25.37
Share of Common Office	28.49	20.00	21.00		
Expenditure		000.00	385.23	402.18	419.88
Ash evacuation	353.44	368.99		0.00	0.00
Mega insurance	0.00	0.00	0.00		0.00
Subsidiary activity	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,

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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



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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

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Versus

- West Bengal State Electricity Distribution Company Limited, (Previously West Bengal State Electricity Board), Vidyut Bhawan, Block `DJ', Sector-11, Salt Lake City, Kolkata-700091.
- 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 in Petition No. 713/TT/2020

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ORDER

The Petitioner, Damodar Valley Corporation, has filed the instant petition for truing-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).

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:

 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;





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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:

			(₹ in lak
	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	t-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 la		
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



Order in Petition No. 713/TT/2020

ANNEXURE-32



		2(2012-13	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21
Particulars	Unit	×	Orde	Order dtd 18.05.2018	018	Order dtd 18.05.2018	Ord	Order dtd 30.09.2020	020	Estimated (Based on Submission)	iated ubmission)
Revenue Gap(+)/Surplus (-) Determined	Rs Cr.		174.44	961.00	-65.8	-484.28	-311.3	-533.39	503.02	942.5	998.71
Effect of CERC True-up Order	Rs Cr.				147.37	170.85	185.15	258.83	193.23	0.00	0.00
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

ALL A

computation of Revenue gap/Surplus along with carrying cost @ Simple Interest Rate

2022-23 Total		964.82 4559.29	11.65%	4559.29	56.20 277.14		6225.79
2021-22	2629.65	964.82	11.65%	3594.47	56.20	306.35	
2020-21	1664.83	964.82	11.65%	2629.65	56.20	193.95	
2019-20	756.81	908.02	12.55%	1664.83	56.98	94.98	
			_		27.31	37.72	
2017-18	459.78	-150.60	12.60%	309.18	-9.49	57.93	
2016-17	526.58	-66.80	12.80%	459.78	-4.28	67.40	
2015-16	692.30	-165.71	14.75%	526.58	-12.22	102.11	t (Rs Cr)
2014-15	645.90	46.40	14.75%	692.30	3.42	95.27	Total Impac
2013-14	102.95	542.94	14.45%	645.90	39.23	14.88	
2012-13	0.00	102.95	14.75%	102.95	7.59	0.00	
	A	8	U	D = A + B	$E = (B \times C)/2$	F=A×C	
Unit	Rs Cr.	Rs Cr.	%	Rs Cr.	Rs Cr.	Rs Cr.	
Particulars Unit 2012-13	Opening Gap/Surplus	Revenue Gap/Surplus	Interest Rate	Cumulative Revenue Gap/Surplus	Interest on the Gap/Surplus Created during the year	Interest on Opening Gap/Surplus	

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.

