

Order

on

Annual Performance Review for FY

2019-20 and

Revised ARR for FY 2020-21

For

State Load Despatch Centre of

Uttarakhand

April 18, 2020

Uttarakhand Electricity Regulatory Commission

Vidyut Niyamak Bhawan, Near I.S.B.T., P.O. Majra

Dehradun - 248171

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Before

UTTARAKHAND ELECTRICITY REGULATORY COMMISSION

Petition No.: 48 of 2019

In the Matter of:

Petition filed by State Load Despatch Centre of Uttarakhand for Annual Performance Review for FY 2019-20 and Revised Aggregate Revenue Requirement for FY 2020-21.

AND

In the Matter of:

State Load Despatch Centre (SLDC)
132 kV Substation, H/Q Building, Majra,
Dehradun, Uttarakhand

.....Petitioner

Coram

Shri D.P. Gairola Member (Law)

Shri M.K. Jain Member (Technical)

Date of Order: April 18, 2020

Section 32(3) of the Electricity Act, 2003 (hereinafter referred to as “the Act”) allows the State Load Despatch Centre to levy and collect such fee and charges from generating companies and licensees involved in intra-State transmission as may be specified by the Appropriate Commission. To this end, it is required to file an application for determination of these charges in such manner and along with such fee as may be specified by the Appropriate Commission through Regulations.

In accordance with the relevant provisions of the Act, the Commission had notified Uttarakhand Electricity Regulatory Commission (Terms and Conditions for Determination of Tariff) Regulations, 2011 (hereinafter referred to as “UERC Tariff Regulations, 2011”) for the first Control Period from FY 2013-14 to FY 2015-16 specifying therein terms, conditions and norms of operation

for licensees, generating companies and SLDC. The Commission had issued the Order dated April 10, 2014 on Aggregate Revenue Requirement for SLDC for FY 2013-14 to FY 2015-16. In accordance with the provisions of the UERC Tariff Regulations, 2011, the Commission had issued the Order dated April 11, 2015 on Aggregate Revenue Requirement for SLDC for FY 2015-16.

Further, in accordance with the relevant provisions of the Act, the Commission had notified Uttarakhand Electricity Regulatory Commission (Terms and Conditions for Determination of Multi Year Tariff) Regulations, 2015 (hereinafter referred to as "UERC Tariff Regulations, 2015") for the second Control Period from FY 2016-17 to FY 2018-19 specifying therein terms, conditions and norms of operation for licensees, generating companies and SLDC. The Commission had issued the Order dated April 5, 2016 on Aggregate Revenue Requirement for SLDC for FY 2016-17 to FY 2018-19. In accordance with the provisions of the UERC Tariff Regulations, 2015, the Commission had carried out the Annual Performance Review for FY 2016-17 and FY 2017-18 vide its Orders dated March 29, 2017 and March 21, 2018.

Further, in accordance with the relevant provisions of the Act, the Commission had notified Uttarakhand Electricity Regulatory Commission (Terms and Conditions for Determination of Multi Year Tariff) Regulations, 2018 (hereinafter referred to as "UERC Tariff Regulations, 2018") for the third Control Period from FY 2019-20 to FY 2021-22 specifying therein terms, conditions and norms of operation for licensees, generating companies and SLDC. The Commission had issued the Order dated February 27, 2019 on Aggregate Revenue Requirement for SLDC for FY 2019-20 to FY 2021-22. In accordance with the provisions of the UERC Tariff Regulations, 2018, the Commission had carried out the Annual Performance Review for FY 2018-19 vide its Order dated February 27, 2019.

In compliance with the provisions of the Act and Regulation 8(1) and Regulation 10(1) of UERC Tariff Regulations, 2018, State Load Despatch Centre of Uttarakhand (hereinafter referred to as "SLDC" or "Petitioner") filed Petition (Petition No. 48 of 2019 and hereinafter referred to as the "Petition"), giving details of its revised projections of Aggregate Revenue Requirement (ARR) for FY 2020-21, based on the Annual Performance Review for FY 2019-20 on November 21, 2019.

The Petition filed by SLDC had certain infirmities/deficiencies which were informed to SLDC vide Commission's letter no. UERC/7/CL/402/Misc. App. No. 48 of 2019/1312 dated December 9, 2019 and SLDC was directed to rectify the said infirmities in the Petition and submit certain additional information necessary for admission of the Petition. SLDC vide its letter no. 3185/Dir. (Project)/

PTCUL/ARR dated December 17, 2019 removed the critical deficiencies. Based on the submissions made by SLDC, the Commission vide its Order dated December 20, 2019 provisionally admitted the Petition for further processing subject to the condition that SLDC shall furnish any further information/ clarifications as deemed necessary by the Commission during the processing of the Petition and provide such information and clarifications to the satisfaction of the Commission within the time frame, as may be stipulated by the Commission, failing which the Commission may proceed to dispose of the matter as it deems fit based on the information available with it.

This Order, accordingly, relates to the Petition filed by the SLDC for approval of revised Aggregate Revenue Requirement for FY 2020-21, and is based on the original as well as all the subsequent submissions made by SLDC during the course of the proceedings.

Tariff determination being the most vital function of the Commission, it has been the practice of the Commission to elaborate in detail the procedure and to explain the underlying principles in determination of tariffs. Accordingly, in the present Order also, in line with past practices, the Commission has tried to elaborate the procedure and principles followed by it in determining the ARR of SLDC. The SLDC Charges are recoverable from the beneficiaries. It has been the endeavour of the Commission in past also, to issue Tariff Orders for SLDC concurrently with the issue of Order on retail tariffs for Uttarakhand Power Corporation Limited (UPCL), so that UPCL is able to honour the payment liability towards SLDC charges. For the sake of convenience and clarity, this Order has further been divided into following Chapters:

Chapter 1 - Background and Procedural History.

Chapter 2 - Petitioner's Submission, Commission's Analysis, Scrutiny and Conclusion on True up for FY 2018-19, Annual Performance Review for FY 2019-20 and determination of ARR for FY 2020-21.

Chapter 3 - Commission's Directives.

1 Background and Procedural History

In accordance with the provisions of the Uttar Pradesh Reorganization Act 2000 (Act 29 of 2000), enacted by the Parliament of India on August 25, 2000, the State of Uttaranchal came into existence on November 9, 2000. Section 63(4) of the above Reorganization Act allowed the Government of Uttaranchal (hereinafter referred to as “GoU” or “State Government”) to constitute a State Power Corporation at any time after the creation of the State. GoU, accordingly, established the Uttaranchal Power Corporation Limited (UPCL) under the Companies Act, 1956, on February 12, 2001 and entrusted it with the business of transmission and distribution in the State. Subsequently, from April 1, 2001, all works pertaining to the transmission, distribution and retail supply of electricity in the area of Uttaranchal were transferred from Uttar Pradesh Power Corporation Limited (UPPCL) to UPCL, in accordance with the Memorandum of Understanding dated March 13, 2001, signed between the Governments of Uttaranchal and Uttar Pradesh.

Meanwhile, the Electricity Act, 2003 was enacted by the Parliament of India on June 10, 2003, which mandated separate licenses for transmission and distribution activities. In exercise of powers conferred under sub-section 4 of Section 131 of the Act, the GoU, therefore, through transfer scheme dated May 31, 2004, first vested all the interests, rights and liabilities related to Power Transmission and Load Despatch of “Uttaranchal Power Corporation Limited” into itself and, thereafter, re-vested them into a new company, i.e. “Power Transmission Corporation of Uttaranchal Limited”, now renamed as “Power Transmission Corporation of Uttarakhand Limited” after change of name of the State. The State Government, further vide another notification dated May 31, 2004 declared Power Transmission Corporation of Uttarakhand as the State Transmission Utility (STU) responsible for undertaking, amongst others, the following main functions:

- a) To undertake transmission of electricity through intra-State transmission system.
- b) To discharge all functions of planning and co-ordination relating to intra-State transmission system.
- c) To ensure development of an efficient, co-ordinated and economical system of intra-State transmission lines.
- d) To provide open access.

A new company in the State was, thus, created to look after the functions of intra-State Transmission and Load Despatch, on May 31, 2004. In view of re-structuring of functions of UPCL and creation of a separate company for looking after the transmission related works, the Commission amended the earlier 'Transmission and Bulk Supply License' granted to 'Uttarakhand Power Corporation Limited' and transmission license was given to PTCUL for carrying out transmission related works in the State vide Commission's Order dated June 9, 2004.

The State Load Despatch Centre of Uttarakhand has been made operational w.e.f. November 27, 2012. As per Section 32 of the Act, the State Load Despatch Centre is the apex body to ensure integrated operation of the power system in the State. The functions of State Load Despatch Centre as stipulated in the Act are as follows:

- a) be responsible for optimum scheduling and despatch of electricity within the State, in accordance with the contracts entered into within the Licensees or the Generating Companies operating in the State;
- b) monitor grid operations;
- c) keep accounts of the quantity of electricity transmitted through the State grid;
- d) exercise supervision and control over the intra-State transmission system; and
- e) be responsible for carrying out real time operations for grid control and despatch of electricity within the State through secure and economic operation of the State grid in accordance with the Grid Standards and the State Grid Code.

In exercise of powers conferred to it under Section 61 of the Act, and all other powers enabling it in this behalf, the Commission notified the UERC Tariff Regulations, 2018 on September 14, 2018. These Regulations superseded the UERC Tariff Regulations, 2015.

The Commission vide its Order dated February 27, 2019 approved the Business Plan and Multi Year Tariff for SLDC for the third Control Period from FY 2019-20 to FY 2021-22. Further, the Commission had carried out the Annual Performance Review for FY 2018-19 vide its Order dated February 27, 2019.

As mentioned earlier also, in accordance with the provisions of the Act and Regulation 8(1) and Regulation 10(1) of the UERC Tariff Regulations, 2018, SLDC is required to file a Petition for Annual Performance Review by November 30 of every year. SLDC in compliance to the Regulations

submitted the Petition for Annual Performance Review for FY 2019-20 and Revised Aggregate Revenue Requirement for FY 2020-21 on November 29, 2019.

The Petition filed by SLDC had certain infirmities/deficiencies which were informed to SLDC vide Commission's letter no. UERC/7/CL/402/Misc. App. No. 48 of 2019/1312 dated December 9, 2019 and SLDC was directed to rectify the said infirmities in the Petition and submit certain additional information necessary for admission of the Petition. SLDC vide its letter no. 3185/Dir. (Projects)/PTCUL/dated December 17, 2019 removed the critical deficiencies. Based on the submissions made by SLDC, the Commission vide its Order dated December 20, 2019 provisionally admitted the Petition for further processing subject to the condition that SLDC shall furnish any further information/clarifications as deemed necessary by the Commission during the processing of the Petition and provide such information and clarifications to the satisfaction of the Commission within the time frame, as may be stipulated by the Commission, failing which the Commission may proceed to dispose of the matter as it deems fit based on the information available with it.

The Commission, through its above Admittance Order dated December 20, 2019, to provide transparency to the process of tariff determination and give all stakeholders an opportunity to submit their objections/suggestions/comments on the proposals of SLDC, directed SLDC to publish the salient features of its Petition in the leading newspapers. The salient points of the proposals were published by the Petitioner in the following newspapers:

Table 1.1: Publication of Notice

S. No.	Newspaper Name	Date of Publication
1	Times of India	December 25, 2019
2	Hindustan Times	December 25, 2019
3	Dainik Jagran	December 25, 2019
4	Amar Ujala	December 25, 2019

Through above notice, the stakeholders were requested to submit their objections/suggestions /comments latest by 31.01.2020, (copy of the notice is enclosed as **Annexure 1**). The Commission received no objections/suggestions/comments in writing on the Petition filed by SLDC.

Further, for direct interaction with all the stakeholders and public at large, the Commission also held public hearings on the proposals filed by the Petitioner at the following places in the State of Uttarakhand.

Table 1.2: Schedule of Hearing

S. No.	Place	Date
1	Champawat	February 26, 2020
2	Rudrapur	February 28, 2020
3	Uttarkashi	March 4, 2020
4	Dehradun	March 6, 2020

The list of participants who attended the Public Hearing is enclosed at **Annexure-2**.

The Commission also sent the copies of salient features of tariff proposals to Members of the State Advisory Committee and the State Government. The salient features of the Petition submitted by SLDC were also made available on the website of the Commission, i.e. www.uerc.gov.in. The Commission also held a meeting with the Members of the Advisory Committee on March 16, 2020, wherein, detailed deliberations were held with the Members of the Advisory Committee on the various issues linked with the Petition filed by SLDC.

Meanwhile, based on the scrutiny of the Petition submitted by SLDC, the Commission pointed out certain data gaps in the Petition and sought following additional information/clarification from the Petitioner:

- Details of summary of Aggregate Revenue Requirement for 2018-19 and separately for April-September (Actual) and October-March (Estimated) for FY 2019-20.
- Statement of Capital Expenditure, Capital work-in-progress and Outstanding Loans.
- Details of Capital cost, Financing structure and Financial Packages.

So as to have better clarity on the data filed by the Petitioner and to remove inconsistency in the data, a Technical Validation Session (TVS) was also held with the Petitioner's officers on January 28, 2020 for further deliberations on certain issues related to the Petition filed by SLDC. The Petitioner submitted the replies to data gaps vide its letter no. 378/Dir. (Projects)/PTCUL/UERC dated February 5, 2020.

The submissions made by SLDC in the Petition as well as additional submissions have been discussed by the Commission at appropriate places in this Tariff Order along with the Commission's views on the same.

2 Petitioner's Submissions, Commission's Analysis, Scrutiny & Conclusion on True up for FY 2018-19, Annual Performance Review for FY 2019-20 and determination of ARR for FY 2020-21

2.1 Annual Performance Review

Regulation 12(1) of the UERC Tariff Regulations, 2018 specifies that under the MYT framework, the performance of the SLDC shall be subject to Annual Performance Review.

Regulation 12(3) of the UERC Tariff Regulations, 2018 specifies as under:

"The scope of the Annual Performance Review shall be a comparison of the actual performance of the Applicant with the approved forecast of Aggregate Revenue Requirement and expected revenue from tariff and charges and shall comprise the following:

- a) A comparison of the audited performance of the applicant for the previous financial year with the approved forecast for such previous financial year and truing up of expenses and revenue subject to prudence check including pass through of impact of uncontrollable factors;*
- b) Categorization of variations in performance with reference to approved forecast into factors within the control of the applicant (controllable factors) and those caused by factors beyond the control of the applicant (un-controllable factors).*
- c) Revision of estimates for the ensuing financial year, if required, based on audited financial results for the previous financial year;*
- d) Computation of sharing of gains and losses on account of controllable factors for the previous year."*

The Commission vide its Order dated February 27, 2019 had approved the Business Plan and MYT for SLDC for the third Control Period from FY 2019-20 to FY 2021-22. The Commission vide its Order dated February 27, 2019 had approved the Annual Performance Review for FY 2018-19 and MYT for FY 2019-20 to FY 2021-22. SLDC has filed this Petition for Annual Performance Review for FY 2019-20 and revised ARR for FY 2020-21. SLDC and SCADA works as separate independent units within PTCUL with separate accounting heads created for recording their income and expenses. SLDC has still not been incorporated as a separate company and, hence, the accounts of SLDC are audited as part of PTCUL's accounts and, hence, no separate audited accounts of SLDC exists. The

actual income and expenses of SLDC for FY 2018-19 are part of income and expenses of PTCUL and are included in PTCUL's audited accounts. SLDC requested the Commission to exempt it from filing separate true up for FY 2018-19 as there are no separate audited accounts available for SLDC for FY 2018-19. SLDC submitted that the APR for FY 2019-20 and revised ARR for FY 2020-21 is being submitted in the instant Petition. SLDC, further submitted that as the original ARR for FY 2018-19 approved by the Commission was part of PTCUL's ARR, it requested the Commission to treat the review of FY 2018-19 submitted in the instant Petition as indicative only and approve true up of ARR for FY 2018-19 as part of true up of PTCUL's ARR for FY 2018-19.

The Commission in its Order dated April 5, 2016 on approval of the Business Plan and MYT for the second Control Period from FY 2016-17 to FY 2018-19 directed as under:

"Hence, the Commission is of the opinion that as accounting of SLDC and SCADA is being done separately, accordingly, SLDC is directed to start preparing its annual statement of accounts separately from FY 2016-17 onwards in accordance with the requirement of the Regulations as referred above."

The Commission in its Order dated March 29, 2017 on approval of APR for FY 2016-17 and revised ARR for FY 2017-18 directed as under:

"The Commission directs SLDC that the provisions of the UERC Tariff Regulations, 2015 has to be complied strictly by SLDC regarding maintenance of its expenses related to operation of SLDC. The Commission also directs the SLDC to file the Petition seeking truing up of FY 2016-17 along with the APR of FY 2017-18 in accordance with the MYT Regulations, 2015."

The Commission vide its Tariff Order for FY 2018-19 dated March 21, 2018 directed the Petitioner to get the Transfer Scheme finalized and to submit the same to the Commission along with its Petition for Annual Performance Review for FY 2018-19.

The Commission in its Order dated February 27, 2019 on approval of MYT of FY 2019-20 to FY 2021-22 directed as under:

"The Commission expresses its extreme displeasure in the lackadaisical approach of the Petitioner in not acting responsibly in finalizing the value of transferred assets from UPCL. In this regard, the Commission holds that any consequential impact due to finalization of transfer scheme will be allowed without any carrying cost on the same as the delay is on the part of the

Petitioner.”

The Petitioner in the instant Petition submitted that the process of ring fencing of SLDC is underway and several concrete steps have been taken by PTCUL in this direction. PTCUL has formed a Committee to separate the accounts and develop a roadmap to complete the ring fencing of SLDC. The organizational structure has been approved by the Committee and, accordingly, the recruitment plan is underway and expected to be completed by March 2020. Since, the accounts of SLDC and SCADA are audited with the accounts of PTCUL, SLDC is unable to file a separate true up Petition for FY 2018-19. The Petitioner has filed the APR for FY 2019-20 and Tariff Petition for FY 2020-21 based on monthly trial balance for SLDC and SCADA.

The Commission had been repeatedly directing SLDC for completion of ring fencing of SLDC and SCADA. Even after repeated directions, it is being submitted that the process is still in progress. **The Commission once again directs SLDC that the provisions of the UERC Tariff Regulations, 2018 has to be complied strictly by SLDC regarding maintenance of its expenses related to operation of SLDC. The Commission also directs SLDC to file the Petition seeking truing up of FY 2019-20 along with the APR of FY 2020-21 in accordance with the MYT Regulations, 2018 failing which action may be initiated against it under the provisions of the Act.**

The Commission in this Order has approved the revised ARR for FY 2020-21 based on the GFA approved for FY 2018-19, revised GFA for FY 2019-20 and FY 2020-21 of SLDC. The approach adopted by the Commission in approving the ARR for FY 2020-21 is elaborated in the subsequent Sections of this Order.

2.2 Gross Fixed Assets

The Petitioner has considered the opening GFA for FY 2018-19 as Rs. 13.46 Crore, the same as approved by the Commission in the APR Order for FY 2018-19 dated February 27, 2019. The Petitioner claimed GFA addition of Rs. 0.70 Crore, Rs. 31.27 Crore and Rs. 36.56 Crore for FY 2018-19, FY 2019-20 and FY 2020-21 respectively. The Petitioner further claimed asset deduction of Rs. 0.01 Crore in FY 2018-19.

GFA Addition for 2018-19: The Commission vide its MYT Order for the third Control Period dated February 27, 2019 had approved the opening GFA for FY 2018-19 as Rs. 13.46 Crore and net additional capitalisation of Rs. 0.69 Crore in FY 2018-19. The Petitioner has proposed the same

opening GFA as the opening GFA for FY 2018-19. Accordingly, the Commission has considered the opening GFA for FY 2018-19 as Rs. 13.46 Crore. The Petitioner has claimed the GFA addition of Rs. 0.70 Crore and the GFA deduction of Rs. 0.01 Crore in FY 2018-19. The Petitioner submitted the details of GFA addition and GFA deduction in FY 2018-19 as under:

Table 2.1: GFA addition and GFA deduction in FY 2018-19

Particulars	GFA addition (Rs. Crore)	GFA deduction (Rs. Crore)
Construction of SLDC at Dehradun and 2 Nos. Sub-SLDC at Kashipur and Rishikesh	0.59	-
Furniture & Fixture	0.01	-
Office Equipment	0.10	-
Adjustment	-	0.01
Total	0.70	0.01

The Petitioner submitted that the amount claimed towards furniture & fixture and office equipment above are included under the "Miscellaneous" head of capitalisation claimed for PTCUL. Taking into consideration the submissions of the Petitioner, the Commission has considered the GFA addition of Rs. 0.70 Crore and the GFA deduction of Rs. 0.01 Crore for FY 2018-19 and, accordingly, arrived at the closing GFA for FY 2018-19 as Rs. 14.15 Crore.

GFA Addition for 2019-20: The Commission has considered the opening GFA for FY 2019-20 as Rs. 14.15 Crore. The Commission in the MYT Order for FY 2019-20 dated February 27, 2019 had approved the GFA addition of Rs. 2.08 Crore for FY 2019-20. As against the same, the Petitioner has claimed the GFA addition of Rs. 31.27 Crore against single scheme named "OPGW Connectivity in PTCUL under Phase-II of ULDC Projects)".

The Commission directed the Petitioner to submit the actual capitalisation for first half of FY 2019-20 and updated status of completed capital works likely to be capitalised for second half of FY 2019-20, against the claimed capitalisation of Rs. 31.27 crore. The Petitioner in its reply dated February 05, 2020 submitted that no capitalisation has been done by SLDC in the first half of FY 2019-20.

In another deficiency note dated February 06, 2020, the Commission again directed the Petitioner to clarify whether any project has been commissioned & capitalized in the books of accounts from previous submission dated February 02, 2020. The Petitioner in its reply dated March 12, 2020 submitted that the physical progress of the scheme is 90% complete but the training part is still pending. Accordingly, considering the progress of works, the Commission is of the view that it is unlikely that the scheme will get capitalised in FY 2019-20. Hence, the Commission has not

considered any capitalisation in FY 2019-20 and the capitalisation of such work has been carried forward and considered in FY 2020-21. Accordingly, the Commission arrived at the closing GFA for FY 2019-20 as Rs. 14.15 Crore which is same as the opening GFA for FY 2019-20.

GFA Addition for 2020-21: The Commission has considered the opening GFA for FY 2020-21 as Rs. 14.15 Crore. The Commission in its Order dated February 27, 2019 on approval of the Business Plan and MYT for the third Control Period from FY 2019-20 to FY 2021-22 had approved the GFA addition of Rs. 0.57 Crore during FY 2020-21. The Petitioner has claimed Rs. 36.56 Crore towards the “Reliable communication and data acquisition system in 132 kV and above substation in Uttarakhand”.

The Commission directed the Petitioner to submit the preparedness to execute the proposed works in terms of funds tie up, order placement etc. The Petitioner in its reply dated December 27, 2019 submitted the status of preparedness for various works proposed in FY 2020-21 as shown in the table below:

Table 2.2: Preparedness status for various works proposed in FY 2020-21

S. No.	Name of the Scheme	Approved Cost (Rs. Crore)	Proposed Capitalisation (Rs. Crore)	Physical Progress in %	Current Status
1	Enhancement of real time data acquisition capability	37.46	15.89	0%	50% funding from PSDF has been approved. Tender yet to be floated
2	Development of application software for operator assistance	1.00	1.00	0%	Technical Specification are under finalization
3	Energy Accounting Balancing & Settlement Mechanism	1.50	1.50	0%	
4	Infrastructure Development	0.08	0.08	0%	-
5	Miscellaneous Investment*	18.09	18.09	-	-
Total		58.13	36.56		

* Regarding miscellaneous investment, the Commission directed the Petitioner to submit the details of work for which the addition has been claimed. The Petitioner in its reply submitted that the proposed works is for the establishment of new control centres in place of old outdated/obsolete control centres. The Petitioner further submitted that the DPR formulation is under process and shall be submitted by the end of FY 2019-20.

After detailed deliberations regarding proposed capitalisation for FY 2020-21, SLDC proposed to shift most of the capitalisation in FY 2021-22. Accordingly, SLDC submitted the revised proposed capitalisation for FY 2020-21 considering the current status of the scheme/work. Details regarding

the same as shown in the Table below:

Table 2.3: Revised Capitalisation Details for FY 2020-21 (Rs. Crore)

S. No.	Name of the Scheme	Total Project Cost	Proposed Capitalisation
1	Enhancement of real time data acquisition capability	37.46	0.00
2	Development of application software for operator assistance	1.50	1.00
3	Energy Accounting Balancing & Settlement Mechanism	2.50	1.50
4	Infrastructure Development	0.22	0.08
5	Miscellaneous Investment	24.43	6.09
Total		66.11	8.67

The Petitioner in their submission revised the amount of proposed capitalisation for FY 2020-21 from Rs. 36.56 Crore to Rs. 8.67 Crore.

Accordingly, the Commission has decided to consider the revised amount of Rs. 8.67 Crore as submitted by the Petitioner for FY 2020-21 and the amount of spilled over schemes to FY 2020-21 from FY 2019-20 amounting to Rs. 31.27 Crore towards estimated capitalisation in FY 2020-21. Accordingly, a total amount of Rs. 39.94 Crore is considered by the Commission towards asset capitalisation for FY 2020-21. The actual capitalisation during FY 2020-21 shall be considered by the Commission at the time of truing up subject to prudence check.

The Table below shows the details of GFA as submitted by the Petitioner and approved by the Commission:

Table 2.4: Gross Fixed Assets (Rs. Crore)

Particulars	FY 2018-19		FY 2019-20		FY 2020-21	
	Proposed	Approved	Proposed	Approved	Proposed	Approved
Opening GFA	13.46	13.46	14.15	14.15	45.42	14.15
Addition	0.70	0.70	31.27	0.00	36.56	39.94
Deduction and adjustment	0.01	0.01	0.0007	0.00	0.00	0.00
Closing GFA	14.15	14.15	45.42	14.15	81.98	54.09

2.3 Debt-Equity ratio

Regulation 24 of UERC Tariff Regulations, 2018 specifies as under:

“(1) For a project declared under commercial operation on or after 1.4.2019, debt-equity ratio shall be 70:30. Where equity employed is more than 30%, the amount of equity for the purpose of tariff shall be limited to 30% and the balance amount shall be considered as normative loan. Where actual equity employed is less than 30%, the actual equity would be used for determination of Return on Equity in

tariff computations."

The Petitioner has proposed the Debt-Equity ratio of 70:30 for the proposed capitalization in FY 2019-20 and FY 2020-21.

The Commission in its Order dated February 27, 2019 on approval of Business Plan for the third Control Period from FY 2019-20 to FY 2021-22 had approved the Debt-Equity ratio as 70:30. As the Commission has not approved any GFA addition for FY 2019-20, the Commission has not considered any funding for the same in this Order. The capitalisation for FY 2020-21 is considered to be funded with Debt-Equity ratio of 70:30. The Petitioner, vide Form 12 submitted that LDCD fund amounting to Rs. 0.06 Crore shall be utilized for the purpose of additional capitalisation for FY 2019-20. However, as discussed in in previous paragraphs, additional capitalisation pertaining to FY 2019-20 has been carried forward to FY 2020-21. Accordingly, corresponding LDCD fund has also been carried forward to FY 2020-21. The Table below shows the Means of Finance approved by the Commission:

Table 2.5: Means of Finance (Rs. Crore)

Particulars	FY 2019-20		FY 2020-21	
	Claimed by SLDC	Approved	Claimed by SLDC	Approved
GFA Addition	31.27	0.00	36.56	39.94
Debt (%)	70.00%	0.00	70%	70%
Equity (%)	30.00%	0.00	30%	30%
Debt	21.85	0.00	25.52	27.85
Equity	9.36	0.00	10.94	11.93
LDCD Fund	0.06	0.00	0.10	0.16

2.4 Annual SLDC Charges

Regulation 99 of the UERC Tariff Regulations, 2018 specifies as follows:

"99. Annual SLDC Charges

The annual charges to be recovered by the SLDC shall include the component of Return on Equity and also the following expenses:

- (a) O&M expenses;*
- (b) Return on Equity;*
- (c) Depreciation;*
- (d) Lease Charges;*
- (e) Interest and Finance charges on Loan Capital;*
- (f) Income Tax, if any;*

(g) Interest on working capital, if any;

(h) Any other expenses incidental to discharging the functions of SLDC as deemed appropriate by the Commission;”

The Commission in this Order has approved the SLDC Charges for FY 2020-21 based on the GFA approved for FY 2018-19, FY 2019-20 and FY 2020-21.

2.4.1 Operation and Maintenance (O&M) expenses

The Petitioner submitted that O&M expenses have been projected based on the methodology specified in the UERC Tariff Regulations, 2018.

Regarding the Operation and Maintenance expenses, Regulation 100 of the UERC Tariff Regulations, 2018 specifies as follows:

“100. Operation and Maintenance Expenses

(1) The O&M expenses for the first year of the Control Period will be approved by the Commission taking into account actual O&M expenses for last five years till Base Year subject to prudence check and any other factors considered appropriate by the Commission.

(2) The O&M expenses for the n th year and also for the year immediately preceding the Control Period i.e., FY 2018-19 shall be approved based on the formula given below:-

$$O\&M_n = R\&M_n + EMP_n + A\&G_n$$

Where –

- $O\&M_n$ – Operation and Maintenance expense for the n th year;
- EMP_n – Employee Costs for the n th year;
- $R\&M_n$ – Repair and Maintenance Costs for the n th year;
- $A\&G_n$ – Administrative and General Costs for the n th year;

(3) The above components shall be computed in the manner specified below:

$$EMP_n = (EMP_{n-1}) \times (1+G_n) \times (CPI_{inflation})$$

$$R\&M_n = K \times (GFA_{n-1}) \times (WPI_{inflation}) \text{ and}$$

$$A\&G_n = (A\&G_{n-1}) \times (WPI_{inflation}) + Provision$$

Where –

- EMP_{n-1} – Employee Costs for the $(n-1)$ th year;
- $A\&G_{n-1}$ – Administrative and General Costs for the $(n-1)$ th year;

- *Provision: Cost for initiatives or other one-time expenses as proposed by the Transmission Licensee and approved by the Commission after prudence check.*
- *“K” is a constant specified by the Commission in %. Value of K for each year of the control period shall be determined by the Commission in the MYT Tariff order based on Transmission Licensee’s filing, benchmarking of repair and maintenance expenses, approved repair and maintenance expenses vis-à-vis GFA approved by the Commission in past and any other factor considered appropriate by the Commission;*
- *CPIinflation – is the average increase in the Consumer Price Index (CPI) for immediately preceding three years;*
- *WPIinflation – is the average increase in the Wholesale Price Index (CPI) for immediately preceding three years;*
- *GFA_{n-1} - Gross Fixed Asset for the n-1th year;*
- *G_n is a growth factor for the nth year. Value of G_n shall be determined by the Commission in the MYT tariff order for meeting the additional manpower requirement based on Transmission Licensee’s filings, benchmarking and any other factor that the Commission feels appropriate: Provided that repair and maintenance expenses determined shall be utilised towards repair and maintenance works only.”*

The O&M expenses includes Employee expenses, R&M expenses and A&G expenses. In accordance with Regulation 100 of the UERC Tariff Regulations, 2018, the O&M expenses for the first year of the Control Period was approved by the Commission taking into account actual O&M expenses of the previous years and any other factors considered appropriate by the Commission in its Tariff Order dated February 27, 2019. The Commission in its Order dated February 27, 2019 on approval of APR for FY 2018-19 and ARR for FY 2019-20 had approved the O&M expenses for FY 2018-19 and FY 2019-20 based on the actual O&M expenses for SLDC and SCADA units working within PTCUL in FY 2017-18 in accordance with Regulation 100 of the UERC Tariff Regulations, 2018.

The submissions of the Petitioner and the approach adopted by the Commission for approving the various components of O&M expenses for FY 2020-21 are discussed below.

2.4.1.1 Employee expenses

The Petitioner submitted that the employee expenses are linked to the Government approved scales and allowances and the Utility has no control over it. It has to pay its employees, the

salary and allowance, as approved by the Government from time to time. The Table below shows the actual employee expenses for FY 2018-19 and employee expenses for first 6 months of FY 2019-20 as submitted by the Petitioner:

Table 2.6: Employee expenses as submitted by the Petitioner (Rs. Crore)

Particulars	FY 2018-19 (Actual)	FY 2019-20 (Actual up to September, 2019)
Employee expenses	3.74	1.49

The Petitioner submitted that considering the HR plan and CPI inflation rate, the employee expenses for FY 2019-20 have been re-estimated. The increase in CPI inflation for FY 2016-17, FY 2017-18 and FY 2018-19 are 4.12%, 3.08% and 5.45% respectively. Based on this, the average increase in CPI works out to 4.22% for last three years. The Petitioner also submitted that the employee expenses incurred in FY 2018-19 for SCADA and SLDC, have been escalated to determine the employee expenses for FY 2020-21. With regard to growth factor, the Petitioner submitted that on the basis of the HR Plan of both SCADA and SLDC, Growth factor has been projected to estimate the employee expenses for the Control Period.

Table 2.7: Employee Recruitment Plan initially submitted by the Petitioner

S. No.	Particulars	FY 2018-19	FY 2019-20 (Apr-Sep)	FY 2019-20 (Oct-Mar)	FY 2019-20	FY 2020-21
1	Opening no. of Employees	33	32	33	32	46
2	Employees recruited	0	2	14	16	5
3	Retirement	0	1	1	2	0
4	Closing no. of Employees	32	33	46	46	51
5	Growth Factor (Gn)	0.00%	0.00%	43.75%	43.75%	10.87%

There was some discrepancy in the recruitment plan (closing no. of Employees for FY 2018-19) submitted by the Petitioner initially in its Petition. Accordingly, the Commission directed the Petitioner to submit the revised Recruitment Plan. In reply to Commission's query, the Petitioner submitted the Recruitment Plan along with the Growth factor, details regarding the same is shown in the Table below:

Table 2.8: Revised Employee Recruitment Plan submitted by the Petitioner

Particulars	FY 2019-20	FY 2020-21
Opening no. of Employees	30	46
Addition	16	5
Retirement/Transfer	2	0
Closing No. of Employees	46	51
Growth Factor (Gn)	53.33%	10.87%

The Commission observed that the Petitioner has over-projected addition in numbers of employees in comparison to the actual addition of employees in FY 2018-19 and for first six months of FY 2019-20.

As per the Petitioner's submission (Table 3.5), the actual recruitment for FY 2018-19 was Zero and 2 number of employees were recruited in first half of FY 2019-20. The Commission observed that the Petitioner has over-projected addition in number of employees in second half of FY 2019-20. Even for PTCUL, it has submitted an addition of only 20 number of employees and retirement of 15 number of employees during FY 2019-20. Accordingly, the Commission revised the addition of employees for FY 2019-20 and considered an addition of 2 number of employees same as submitted by the Petitioner for first half of FY 2019-20. The Commission has considered the same number of employee addition as submitted by the Petitioner for FY 2020-21. Accordingly, the employee addition and growth factor approved by the Commission for FY 2020-21 is shown in the Table below:

Table 2.9: Employee Recruitment Plan Approved by the Commission

Particulars	FY 2018-19	FY 2019-20	FY 2020-21
Opening no. of Employees	30	30	30
Addition	7	2	5
Retirement/Transfer	7	2	0
Closing No. of Employees	30	30	35
Growth Factor (Gn)	0.00%	0.00%	16.67%

The growth factors for FY 2018-19, FY 2019-20 and FY 2020-21 have been revised considering the actual recruitment status in FY 2018-19, FY 2019-20 and proposed recruitment in FY 2020-21. The Commission observed that the addition in numbers of employee have been over-projected in comparison to the trends in previous year and there has been some calculation error in the data provided by the Petitioner regarding the value of Gn for FY 2019-20 and FY 2020-21. Hence, the Commission has considered the Gn factor for FY 2019-20 as 0.00% and considering the recruitment for FY 2020-21 as claimed by the Petitioner, the Gn factor of 16.67% is approved for FY 2020-21 against 52% approved in the MYT Order dated February 27, 2019 for FY 2020-21. In this regard, the Commission would like to clarify that if the actual addition to the number of employees is lower than

the number of employee addition considered in this Order, the impact of the same shall be adjusted while carrying out the truing up and the same shall not be considered as saving for sharing. Further, the CPI inflation has been revised to average increase in CPI inflation for the preceding 3 years.

The normative employee expenses approved by the Commission for FY 2020-21 are as shown in the Table below:

Table 2.10: Employee expenses for FY 2020-21 (Rs. Crore)

Particulars	Claimed	Allowable
EMPn-1	6.69	3.89
Gn	10.87%	16.67%
CPIinflation	3.84%	4.22%
EMPn = (EMPn-1) x (1+Gn) x (1+CPIinflation)	7.70	4.73

2.4.1.2 Repairs and Maintenance (R&M) expenses

The Table below shows the actual R&M expenses booked in the accounting heads of SLDC and SCADA for FY 2018-19 and first 6 months of FY 2019-20 as submitted by the Petitioner:

Table 2.11: Actual R&M expenses as submitted by the Petitioner (Rs. Crore)

Particulars	FY 2018-19 (Actual)	FY 2019-20 (Actual upto September, 2019)
R&M expenses	2.00	0.78

The Petitioner submitted that it had awarded an Annual Maintenance Contract (AMC) to the original contractor of the project for the up-keep and maintenance of the SLDC assets. The Petitioner further submitted that it has awarded other AMCs for successful maintenance of the assets.

The Commission has revised the R&M expenses for FY 2020-21 from that approved in the MYT Order considering the following:

- The revised opening GFA has been considered for determining the R&M expenses.
- K factor has been considered as 8.17% which is same as submitted by the Petitioner and as approved in the MYT Order.
- The WPI inflation has been revised to average increase in WPI inflation for the preceding 3 years.

The Commission in its earlier Orders had deducted the value of GFA covered under the AMC for allowing the normative R&M expenses. In addition to the normative R&M expenses

computed in accordance with the Regulations, the Commission had approved the AMC expenses. The Petitioner in the instant Petition submitted that a total of 5 AMCs has been awarded for maintenance of various assets. Details of the same is as under:

Table 2.12: Details of various AMC's (in Rs.)

S. No.	Name of Work/ Details of Asset	Original Cost of the Asset	Amount of AMC in FY 2019-20 (Estimated)
1.	AMC of Battery Charger and Battery Bank installed under SCADA EMS Project in PTCUL	14,011,490	1,417,416
2.	AMC work of 05 nos. Battery Charger and Battery Bank at various location	1,775,399	452,176
3.	Maintenance and Overhead charges of equipments installed under ULDC-NR Project		1,100,000
4.	AMC of ABB make PLCC	16,081,600	2,392,000
5.	AMC of telecom PLCC, PABX and RTUs supplied under SCADA/EMS Project by M/s GE T&D India Ltd (formerly M/s Alstom) on single quotation basis.	46,952,045	4,732,980
	Total	78,820,533.68	10,094,572.00

For the opening GFA of Rs. 14.15 Crore for FY 2020-21, the Petitioner has claimed the AMC fee of Rs. 1.01 Crore which is around 7.13% of the GFA base. The Commission in its MYT Order for PTCUL for the third Control Period from FY 2019-20 to FY 2021-22, for determining the normative R&M expenses, had approved the K factor of 8.17% considering the actual R&M expenses and actual GFA base for PTCUL for the past years. In light of the same, the Commission finds the AMC expenses claimed and that too in addition to the normative R&M expenses derived in accordance with the Regulations are exorbitantly higher. The Commission also observed that the Petitioner is claiming the normative R&M expenses considering the entire GFA base and is also claiming the AMC fees in addition to the normative R&M expenses. The Commission finds this approach of the Petitioner to be grossly incorrect as maintenance charges for the same assets cannot be claimed twice particularly when the normative R&M expenses for entire GFA is allowed as per Regulations. The AMC expenses have to be met from the normative R&M expenses allowed by the Commission. Hence, the Commission in this Order has considered the entire approved GFA base for determining the normative R&M expenses in accordance with the Regulations. **The Commission directs the Petitioner to execute AMC contracts only after following proper tendering procedures and keep the cost of AMC to the bare minimum in accordance with the norms.**

Accordingly, the R&M expenses approved by the Commission for FY 2020-21, is shown in the Table below:

Table 2.13: R&M expenses for FY 2020-21 (Rs. Crore)

Particulars	Claimed	Allowable
K factor	8.17%	8.17%
GFA _{n-1}	37.53	14.15
WPI inflation	2.99%	2.98%
R&M_n = K x (GFA_{n-1}) x (1+WPIinflation)	3.16	1.19
AMC Expenses	1.01	0.00
Total R&M expenses	4.17	1.19

2.4.1.3 Administrative and General (A&G) expenses

The Petitioner submitted that the A&G expenses consists of rent, rates and taxes, travel and conveyance expenses, consultancy and legal fees, insurance and other administration expenses. The Table below shows the actual A&G expenses booked in the accounting heads of SLDC and SCADA for FY 2018-19 and first 6 months of FY 2019-20 as submitted by the Petitioner:

Table 2.14: Actual A&G expenses as submitted by the Petitioner (Rs. Crore)

Particulars	FY 2018-19 (Actual)	FY 2019-20 (Actual upto September, 2019)
A&G expenses	0.93	0.33

The Petitioner submitted that the A&G expenses for FY 2019-20 have been estimated based on the actual A&G expenses for first 6 months. The Petitioner submitted that the A&G expenses for FY 2020-21 have been computed in accordance with UERC Tariff Regulations, 2018.

The Commission has revised the A&G expenses for FY 2020-21 from that approved in the MYT Order considering the following:

- The base year A&G expenses have been considered as per the Order dated February 27, 2019.
- The WPI inflation has been revised to average increase in WPI inflation for the preceding 3 years.

Accordingly, the A&G expenses approved by the Commission for FY 2020-21 are as shown in the Table below:

Table 2.15: A&G expenses for FY 2020-21 (Rs. Crore)

Particulars	Claimed	Allowable
A&G _{n-1}	0.96	0.96
WPI inflation	2.99%	2.98%
Provision	0.00	0.00
A&G_n = A&G_{n-1} x (1+WPIinflation) + Provision	0.99	0.99

2.4.1.4 O&M expenses

The Table below shows the proposed and approved O&M expenses for FY 2020-21:

Table 2.16: O&M expenses for FY 2020-21 (Rs. Crore)

Particulars	MYT Order	Claimed	Approved
Employee expenses	10.41	7.70	4.73
R&M expenses	1.27	4.17	1.19
A&G expenses	0.94	0.99	0.99
Total O&M expenses	12.62	12.85	6.91

The main reasons for reduction in O&M Expenses for FY 2020-21 as compared to that approved in FY 2020-21 is due to the reduction in actual/estimated capitalisation during FY 2018-19 and FY 2019-20 as compared to that approved in MYT Order and substantial lower number of employees recruited during FY 2019-20 as compared to the recruitment figures approved in MYT Order.

2.4.2 Return on Equity

Regarding the Return on Equity, Regulation 26 of the UERC Tariff Regulations, 2018 specifies as follows:

“26. Return on Equity

(1) Return on equity shall be computed on the equity base determined in accordance with Regulation 24.

Provided that, Return on Equity shall be allowed on account of allowed equity capital for the assets put to use at the commencement of each financial year.

(2) Return on equity shall be computed on at the base rate of 15.50% for thermal generating stations, transmission licensee, SLDC ...”

The Petitioner submitted that the assets under SLDC and SCADA divisions are funded through 30% equity. As discussed above, the Commission has considered the debt-equity ratio of 70:30 and has, accordingly, considered the equity addition to the tune of 30% of the total GFA addition for the corresponding year. Accordingly, the Return on Equity approved by the Commission for FY 2020-21 is as shown in the Table below:

Table 2.17: Return on Equity for FY 2020-21 (Rs. Crore)

Particulars	MYT Order	Claimed	Approved
Opening Equity	3.77	13.34	3.95
Addition	-	10.94	11.93
Closing Equity	3.77	24.28	15.88
Rate of Return on Equity	15.50%	15.50%	15.50%
Return on Equity	0.58	2.92	0.61

2.4.3 Depreciation

The Petitioner submitted that the depreciation has been calculated considering the rates of depreciation specified in the UERC Tariff Regulations, 2018.

Regulation 28 of the UERC Tariff Regulations, 2018 specifies as follows:

"28. Depreciation

(1) The value base for the purpose of depreciation shall be the capital cost of the asset admitted by the Commission.

Provided that depreciation shall not be allowed on assets funded through Consumer Contribution and Capital Subsidies/Grants.

(2) The salvage value of the asset shall be considered as 10% and depreciation shall be allowed up to maximum of 90% of the capital cost of the asset.

...

(4) Depreciation shall be calculated annually based on Straight Line Method and at rates specified in Appendix - II to these Regulations.

..."

The Commission has computed the depreciation by considering the depreciation rates specified in the UERC Tariff Regulations, 2018. The Commission has computed the depreciation for full year on opening GFA and on proportionate basis on the assets added during the year. The depreciation approved by the Commission is as shown in the Table below:

Table 2.18: Depreciation for FY 2020-21 (Rs. Crore)

Particulars	MYT Order	Claimed	Approved
Depreciation	1.38	3.67	4.15

The main reason for increase in Depreciation for FY 2020-21 as compared to that approved in MYT Order is due to increase in approved capitalisation during FY 2020-21, as compared to that approved in MYT Order. The Commission has approved an addition of Rs. 39.94 Crore during FY

2020-21 as against Rs. 0.57 Crore approved in MYT Order. Further, the reason for variation between the claim and the approved amount of depreciation is that the Petitioner has considered the capitalisation pertaining to SCADA under the head of 'Plant & Machinery' with a depreciation rate of 5.28% p.a. whereas the same comes under the head of 'SCADA & IT equipments' with a depreciation rate of 15% p.a..

2.4.4 Interest charges

The Petitioner submitted that the interest rate of 11.84% has been considered for projecting the interest expenses and projected depreciation has been considered as repayment in accordance with UERC Tariff Regulations, 2018.

Regulation 27 of the UERC Tariff Regulations, 2018 specifies as follows:

"27. Interest and finance charges on loan capital and on Security Deposit

(1) The loans arrived at in the manner indicated in Regulation 24 shall be considered as gross normative loan for calculation of interest on loan.

(2) The normative loan outstanding as on 1.4.2019 shall be worked out by deducting the cumulative repayment as admitted by the Commission up to 31.3.2019 from the gross normative loan.

(3) The repayment for each year of the Control Period shall be deemed to be equal to the depreciation allowed for that year...

...

(5) The rate of interest shall be the weighted average rate of interest calculated on the basis of the actual loan portfolio at the beginning of each year applicable to the project:

...

(6) The interest on loan shall be calculated on the normative average loan of the year by applying the weighted average rate of interest.

..."

The Commission has worked out the interest charges considering the approved means of finance. The Commission has considered the closing loan balance for FY 2018-19 as opening loan balance for FY 2019-20 and considered loan addition during FY 2019-20 as discussed under Para 2.3 of this Order. Accordingly, the Commission has worked out the opening loan balance of Rs. 1.81 Crore for FY 2020-21. The Commission has provisionally considered the interest rate of 11.84% as per

Petitioner's submission and the same shall be trued up based on the actuals. The Commission has considered the normative repayment equal to the depreciation in accordance with the UERC Tariff Regulations, 2018. The interest charges approved by the Commission for FY 2020-21 are as shown in the following Table:

Table 2.19: Interest charges for FY 2020-21 (Rs. Crore)

Particulars	MYT Order	Claimed	Approved
Opening Loan	1.51	24.18	1.81
Addition	-	25.52	27.85
Repayment	1.38	3.67	4.15
Closing Loan	0.13	46.02	25.50
Average Loan	0.82	35.10	13.65
Interest rate	11.75%	11.84%	11.84%
Interest	0.10	4.16	1.62

2.4.5 Interest on Working Capital

The Petitioner submitted that it had estimated the Interest on Working Capital amounting to Rs. 0.97 Crore for FY 2020-21 in accordance with the provisions of UERC Tariff Regulations, 2018.

The Commission has worked out the Interest on Working Capital in accordance with the UERC Tariff Regulations, 2018 and has approved an amount of Rs. 0.54 Crore. Details of the same is as follows:

2.4.5.1 One Month O&M Expenses

The annual O&M expenses approved by the Commission are Rs. 6.91 Crore for FY 2020-21. Based on the approved O&M expenses, one month's O&M expenses works out to Rs. 0.58 Crore for FY 2020-21.

2.4.5.2 Maintenance Spares

The Commission has considered the maintenance spares as 15% of O&M expenses in accordance with UERC Tariff Regulations, 2018, which works out to Rs. 1.04 Crore for FY 2020-21.

2.4.5.3 Receivables

The Commission has approved the receivables for two months based on the approved SLDC Charges of Rs. 13.83 Crore for FY 2020-21, which works out to Rs. 2.30 Crore for FY 2020-21.

Based on the above, the total working capital requirement of the Petitioner for FY 2020-21 works out to Rs. 3.92 Crore. The Commission has considered the rate of interest on working capital

as 13.70% equal to State Bank Advance Rate (SBAR) of State Bank of India as on the date of filing of the APR Petition and, accordingly, the interest on working capital works out to Rs. 0.54 Crore for FY 2020-21.

The Interest on Working Capital approved by the Commission is as shown in the Table below:

Table 2.20: Interest on Working Capital for FY 2020-21 (Rs. Crore)

Particulars	MYT Order	Claimed	Approved
O&M expenses for one month	1.05	1.07	0.58
Maintenance spares	1.89	1.93	1.04
Two months receivables	2.57	4.09	2.30
Working Capital	5.52	7.09	3.92
Rate of Interest on Working Capital	13.75%	13.70%	13.70%
Interest on Working Capital	0.76	0.97	0.54

2.4.6 Non-Tariff Income

The Petitioner has not proposed any non-tariff income. The Commission has not considered any non-tariff income in this Order. The actual non-tariff income shall be considered at the time of true up for the respective year of the third Control Period.

2.4.7 SLDC Charges

Based on the above, the SLDC Charges approved by the Commission for FY 2020-21 is as shown in the Table below:

Table 2.21: SLDC Charges for FY 2020-21 (Rs. Crore)

S. No.	Particulars	MYT Order	Revised Proposed	Approved
1	O&M expenses	12.62	12.85	6.91
2	Return on Equity	0.58	2.92	0.61
3	Depreciation	1.38	3.67	4.15
4	Interest and finance charges	0.10	4.16	1.62
5	Interest on Working Capital	0.76	0.97	0.54
6	Less: Non-Tariff Income	0.00	0.00	0.00
	ARR	15.44	24.57	13.83

2.4.8 LDC Development Fund

Regulation 98 of UERC Tariff Regulations, 2018 specifies as under:

“

(1) The SLDC shall create and maintain a separate fund called ‘Load Despatch Centre Development Fund’ (“LDCD Fund”).

(2) All the other income of SLDC like short term open access charges, registration charges,

scheduling and operating charges, etc. shall be deposited into LDCD Fund.

- (3) The SLDC shall be entitled to utilise the money available in the LDCD Fund for creation of new assets, meeting stipulated equity portion in asset creation, margin money for raising loan from the financial institutions and funding of R&D projects.
- (4) The LDCD Fund shall not be utilized for revenue expenditure except to meet the short fall, if any, in the annual charges allowed by the Commission or to meet the contingency expenses which were not foreseen at the time of making the application for fees and charges and are considered necessary for the efficient power system operation. However, such draws from the said fund shall be recouped from the expenditure allowed by the Commission under the respective heads at the time of truing up.
- (5) Any asset created by the SLDC out of the money deposited into the LDCD Fund shall not be entitled for return on equity, interest on loan and depreciation on same principles as in case of grant. SLDC shall submit details of such assets in the CAPEX plan.
- (6) SLDC shall submit the amount accumulated in LDC development fund along with the break-up of sources from where the fund is received. The Commission shall review the LDC development fund every year and issue directions to SLDC for effective utilization of the funds, if required."

The actual operating and scheduling charges collected for FY 2018-19 are as shown in the Table given below:

Table 2.22: Details of LDCD Fund submitted by SLDC (Rs. Crore)

Particulars	Actual up to FY 2018-19
Short Term Open Access (Operating Charges)	1.61
Registration Fees	0.008
LDCD Fund	1.62

The Commission in its earlier Order dated February 27, 2019 directed SLDC as below:

"4.2.1 Financing of infrastructural works (Para 2.5.2)

As adequate funds are available in the LDCD fund, in exercise of powers conferred under Regulation 98(6) of the UERC Tariff Regulations, 2018, the Commission directs SLDC to finance the infrastructural works also from LDCD fund and not from internal resources as proposed in its Petition.

4.2.2 LDCD Fund (Para 3.4.8)

The Petitioner is directed to utilize the money out of LDCD fund only in creation of new assets in accordance with Regulation 98(3) and not meeting any revenue expenditure as was proposed by the

Petitioner in its Business Plan for the third control period that it would carry out capacity building from funds available in LDCD fund..”

The utilization plan for LDCD fund in compliance to the direction issued by the Commission in the Tariff Order dated February 27, 2019, submitted by SLDC is shown in the Table below:

Table 2.23: Position of LDCD Fund submitted by SLDC (Rs. Crore)

S. No.	Particulars	FY 2018-19	FY 2019-20	FY 2020-21
a	Opening LDCD Fund	4.07	5.61	7.31
	Add:			
b	Additions in LDCD Fund on account of:			
(i)	Short Term Open Access	1.61	1.76	1.93
(ii)	Registration Fees	0.008	0.003	0.005
c	Total LDCD Fund	5.70	7.37	9.25
d	Less:			
d(i)	Utilisation for Capital Expenses	0.09	0.06	0.10
d(ii)	Utilisation for Revenue Expenses			
e	Net LDCD Fund as on 31 st March of the Year	5.61	7.31	9.15

The LDCD fund approved by the Commission is as shown in the table below:

Table 2.24: Position of LDCD Fund as considered by the Commission (Rs. Crore)

S. No.	Particulars	FY 2018-19	FY 2019-20	FY 2020-21
1.	Opening LDCD Fund	4.07	5.60	7.36
2.	Additions during the year	1.62	1.76	1.94
3.	Total LDCD Fund	5.69	7.36	9.30
4.	Less: Utilization for capital expenditure	0.09	0.00	0.16
5.	Closing LDCD Fund	5.60	7.36	9.14

Further, as per Regulation 98(3) of UERC Tariff Regulations, 2018, the SLDC shall be entitled to utilize the money available in the LDCD Fund to meet the stipulated equity portion and margin money for raising loan from financial institutions for creation of new assets and funding of R&D projects and such LDC fund will be treated as grant and shall be accounted for accordingly. **In this regard, the Commission directs the Petitioner to ensure timely submission of the completed cost along with the scheduled CoD, actual CoD and actual IDC incurred on the projects developed through LDC Development fund within 30 days of CoD of the project/works.**

2.4.9 Operating Charges

The Commission vide UERC (Terms and Conditions of Intra-State Open Access) Regulations, 2015 and their amendment thereof, has specified the Operating Charges in respect of short-term open access customers. Regulation 21 of the UERC (Terms and Conditions of Intra-State Open Access) Regulations, 2015 specifies the Operating Charges for the Short-term Open Access customer which is

reproduced hereunder:

"21. SLDC and System Operation Charges:

(1) Transactions involving inter-State transmission system

.....

(b) Short-term open access

Regional Load Despatch Centre and State load despatch centre system operation charges as specified by the Central Commission.

(2) Transactions not involving inter-State transmission system

.....

(b) Short-term open access

System Operation charge per day or for part of the day shall be payable by a short-term open access customer for each transaction to SLDC as determined by the Commission from time to time.

[Explanation: System Operation charge includes fee for scheduling and system operation, energy accounting, fee for affecting revisions in schedule on bonafide grounds and collection and disbursement of charges.]

In compliance of the aforesaid Regulation 21(2)(b), the Commission has decided to retain the system operation charges of Rs. 3,000 per day or part of the day for each transaction payable to the SLDC by intra-state open access customers with effect from the date of issue of this Order.

The SLDC Charges approved for FY 2020-21 will be applicable with effect from April 01, 2020 and shall continue to apply till further Orders of the Commission.

3 Commission's Directives

The Commission in its previous Orders had issued a number of specific directions to SLDC with an objective of attaining operational efficiency and streamlining the flow of information, which would be beneficial for the Sector and the Petitioner both in short and long term. This Chapter deals with the compliance status and Commission's views thereon as well as the summary of new directions for compliance and implementation by SLDC.

3.1 Compliance of Directives issued in MYT Order dated February 27, 2019

3.1.1 *Project Cost & Transfer of assets from PTCUL to SLDC*

The Commission directs SLDC that the provisions of the UERC Tariff Regulations, 2015 has to be complied strictly by SLDC regarding maintenance of its expenses related to operation of SLDC. The Commission also directs the SLDC to file the Petition seeking truing up of FY 2018-19 along with the APR of FY 2019-20 in accordance with the MYT Regulations, 2015.

Petitioner's Submissions

The ring fencing of SLDC is under process and thus, the accounts for SLDC are not prepared (and audited) separately. Hence, a combined true up has been filed for PTCUL and SLDC. SLDC requested the Commission to exempt it from filing separate true up for FY 2018-19 and allow it time extension for segregation of accounts of PTCUL and SLDC. SLDC submitted that based on MTB of SLDC and SCADA, a separate APR and MYT Petition has been filed.

The Commission once again directs SLDC that the provisions of the UERC Tariff Regulations, 2018 has to be complied strictly by SLDC regarding maintenance of its expenses related to operation of SLDC. The Commission also directs the SLDC to file the Petition seeking truing up of FY 2019-20 along with the APR of FY 2020-21 in accordance with the MYT Regulations, 2018.

3.1.2 *LDC Development Fund*

The Petitioner is directed to ensure timely submission of the completed cost along with the scheduled COD, actual COD and actual IDC incurred on the projects developed through LDC Development fund within 30 days of CoD of the project/works.

Petitioner's Submissions

The information of projects completed through LDCD fund shall be submitted to the Commission in a timely manner. SLDC requested the Commission to allow a time period of 90 days for submission of information for future projects.

The Petitioner is directed to ensure timely submission of the completed cost along with the scheduled COD, actual COD and actual IDC incurred on the projects developed through LDC Development fund within 30 days of CoD of the project/works.

3.1.3 *Employee expenses*

The Petitioner is directed to submit the amount paid as arrears to its employees in FY 2018-19 on account of implementation of the recommendations of seventh Pay Commission in the true up Petition of FY 2018-19.

Petitioner's Submissions

The SLDC & SCADA division has maintained separate details for the arrear paid on account of the Seventh Pay Commission. Petitioner further submitted that they have not paid any arrear on account of the seventh pay Commission in FY 2018-19 and FY 2019-20 up to September, 2019.

The Commission has noted the compliance by the Petitioner.

3.1.4 *Financing of infrastructural works*

As adequate funds are available in the LDCD fund, in exercise of powers conferred under Regulation 98(6) of the UERC Tariff Regulations, 2018, the Commission directs SLDC to finance the infrastructural works also from LDCD fund and not from internal resources as proposed in its Petition.

Petitioner's Submissions

The Petitioner submits that the infrastructure works of approximately INR 5 lakhs have already been awarded by SLDC for establishing control center for DSM settlement. The Petitioner envisages another INR 1 crore expenditure in next year on account of "Development of Application Software for Operator Assistance" and same has been included in the investment plan for FY 2020-21.

The Petitioner is directed to submit the details of the works financed from LDCD and from

Internal Resources separately for the FY 2019-20 within 3 months of issuance of this Order. The Petitioner is also directed to submit the same details for FY 2020-21 at the time of filing of Petition seeking truing up of FY 2019-20 along with the APR of FY 2020-21 in accordance with the MYT Regulations, 2018.

3.1.5 LDCD Fund

The Petitioner is directed to utilize the money out of LDCD fund only in creation of new assets in accordance with Regulation 98(3) and not meeting any revenue expenditure as was proposed by the Petitioner in its Business Plan for the third control period that it would carry out capacity building from funds available in LDCD fund.

Petitioner's Submissions

The Petitioner assures the Commission that the LDCD has only been utilised for the creation of new assets in accordance with Regulation 98(3) and for creation of new infrastructural works as per the Commission's direction in MYT Order dated February 27, 2019.

The Commission has noted the compliance by the Petitioner.

3.2 Fresh Directives

3.2.1 AMC Contracts (para 2.4.1.2)


The Commission directs the Petitioner to execute AMC contracts only after following proper tendering procedures and keep the cost of AMC to the bare minimum in accordance with the norms.

**M.K. Jain
Member (Technical)**

**D.P. Gairola
Member (Law)**

4 Annexures

4.1 Annexure-1 : Public Notice on SLDC's Proposal

 POWER TRANSMISSION CORPORATION OF UTTARAKHAND LTD. (A Govt. of Uttarakhand Undertaking) Corporate ID No. U40101UR2004GOI028675 Vidyut Bhawan, Near-ISBT Crossing, Saharanpur Road, Majra, Dehradun-248002 Phone No. 0135-2642006, Fax No. 0135-2643460					
Letter No. 312 /SLDC		PUBLIC NOTICE		Dated: 23.12.2019	
Inviting Comments on the petition filed by SLDC for approval of the Annual Performance Review for FY 2019-20 and Revised Aggregate Revenue Requirement for FY 2020-21					
Salient Points of the ARR/ Tariff Petition					
State Load Despatch Centre, which has been made operational for grid control and despatch of electricity and other related works w.e.f. November 27, 2012 in the State of Uttarakhand, has filed a petition before the Commission for approval of the Annual Performance Review for FY 2019-20 and Revised Aggregate Revenue Requirement for FY 2020-21. The summary of SLDC for the aforesaid is given in the following Table:					
Summary of APR and ARR of SLDC (₹ Crore)					
S. No.	Particulars	FY 2019-20 (APR)		FY 2020-21 (ARR)	
		Approved in the MYT Order for FY 2019-20	Revised Estimates	Approved in the MYT Order for FY 2020-21	Revised Estimates
1	Depreciation	1.39	1.72	1.38	3.67
2	Interest on Long Term Loans	0.26	1.67	0.10	4.16
3	Return on Equity	0.58	1.34	0.58	2.92
4	O&M Expenses	8.59	9.70	12.62	12.85
5	Interest on Working Capital	0.54	0.65	0.76	0.97
6	Gross Expenditure	11.35	15.09	15.44	24.57
7	Less: Non-tariff Income	0.00	0.00	0.00	0.00
8	Net Expenditure	11.35	15.09	15.44	24.57
2. SLDC has proposed a total hike of 116.48% for FY 2020-21 over the approved SLDC charges for FY 2019-20. In case, the entire claim of SLDC is accepted by the Commission, additional hike of 0.13% in consumer tariff shall be required over and above the hike proposed by UPCL. The recovery of the charges from the beneficiaries has been proposed through suitable fees and charges.					
3. Detailed proposal can be seen free of cost on any working day at the Commission's office or at the office of Managing Director, Power Transmission Corporation of Uttarakhand Limited, Vidyut Bhawan, Saharanpur Road, Majra, Near ISBT, Dehradun-248001, Uttarakhand. Relevant extracts can also be obtained from the above mentioned offices of the Petitioner.					
4. The proposals are also available at the website of the Commission (www.uerc.gov.in) and at SLDC's website (www.ukslcd.in).					
5. Objections/suggestions are invited from the consumers and other stakeholders on the above proposal. These may be sent to the the Secretary, Uttarakhand Electricity Regulatory Commission, either in person, or by post at Vidyut Niyamak Bhawan, Near I.S.B.T., P.O.-Majra Dehradun-248171 or through e-mail to secy.uerc@gov.in as a statement of objections or comments with copies of the documents and evidence in support thereof so as to reach the Secretary by 31.01.2020.					
Managing Director					
"Save Electricity in the Interest of Nation"					

4.2 Annexure-2 : List of Participants in Public Hearings

List of Participants in Hearing at Champawat on 26.02.2020

Sl. No.	Name	Designation	Organization	Address
1.	Sh. Vijay Verma	President	Nagarpalika Parishad (Champwat)	Talli Haat, Distt. Champawat
2.	Sh. Rohit Bisht	Member	Nagarpalika Parishad (Champwat)	Talli Haat, Distt. Champawat
3.	Sh. Rajendra Gahtori	-	LIC of India	Pithoragarh Road, Distt. Champawat
4.	Sh. Kailash Adhikari, S/o Sh. Bhairav Singh	City President	Bhartiya Janta Party (BJP)	Selakhola, Distt. Champawat
5.	Sh. Nirmal Singh Tadagi	-	-	Baleshwar Ward, Distt. Champawat
6.	Sh. Lalit Mohan Bhatt	-	-	Ward No. 3, Maadli, Distt. Champawat
7.	Sh. Shankar Datt Pandey	Advocate	-	Hotel Shiva Residency, GIC Chowk, Distt. Champawat
8.	Sh. Mohan Singh Adhikari	-	-	Gyali Seran, Distt. Champawat
9.	Sh. Amarnath Sakta	-	-	Bus Stand, Distt. Champawat

List of Participants in Hearing at Rudrapur on 28.02.2020

Sl. No.	Name	Designation	Organization	Address
1.	Sh. Shakeel A. Siddiqui	Sr. General Manager (Finance)	M/s Kashi Vishwanath Textile Mill (P) Ltd.	5th KM, Stone, Ramnagar Road, Kashipur-244713, Distt. Udham Singh Nagar
2.	Sh. Mahip Kumar	-	M/s Reckitt Benckiser India Pvt. Ltd.	B-96, Eldeco Sidcul Industrial Park, Sitarganj-262405, Distt. Udhamsingh Nagar.
3.	Sh. Ashok Bansal	President	M/s Kumaon Garhwal Chamber of Commerce & Industry Uttarakhand	Chamber House, Industrial Estate, Bazpur Road, Kashipur, Distt. Udhamsingh Nagar.
4.	Sh. Suresh Kumar	President	M/s La Opala RG Ltd.	B-108, Eldeco Sidcul Industrial Park, Sitarganj, Distt. Udhamsingh Nagar
5.	Sh. Sanjay Adlakha	Director	M/s Ambashakti Glass India Pvt. Ltd.	Plot No. 41, Sector 3, Sidcul, IIE, Pantnagar, Rudrapur-263153, Distt. Udhamsingh Nagar
6.	Sh. Udayan Gaur	Manager (Maintenance)	M/s Alpla India Pvt. Ltd.	D-113, Sidcul Industrial Area, Sitarganj-262405, Distt. Udhamsingh Nagar
7.	Sh. Jagdish Pimoli	-	M/s Bhramari Steels Pvt. Ltd.	Works-Kisanpur, Tehsil Kichha, Distt. Udhamsingh Nagar.
8.	Sh. Syed Raffi	-	M/s HP India Sales Pvt. Ltd.	Plot No. 9-11A & 35-37A, Sector-5, IIE, Sidcul, Pantnagar, Distt. Udhamsingh Nagar.
9.	Sh. Rajeev Gupta	-	M/s Kashi Vishwanath Steels Pvt. Ltd.	Narain Nagar Industrial Estate, Bazpur Road, Kashipur-244713, Distt. Udham Singh Nagar
10.	Sh. Girish Chandra	-	M/s Kashi Vishwanath Steels Pvt. Ltd.	Narain Nagar Industrial Estate, Bazpur Road, Kashipur-244713, Distt. Udham Singh Nagar
11.	Sh. Teeka Singh Saini	President	Bhartiya Kisan Union	33, Katoratal, Kashipur, Distt. Udhamsingh Nagar
12.	Sh. Prem Singh Sahota	District President	Bhartiya Kisan Union	Kaliyawala, Jaspur, Distt. Udhamsingh Nagar
13.	Sh. Kuldeep Singh Cheema	-	Bhartiya Kisan Union	Village-Dhakiya Kalan, Post Off.-Dakiya No.-I, Tehsil-Kashipur, Distt. Udhamsingh Nagar-244713
14.	Sh. Balkar Singh Fozi	-	-	Village-Raipur Khurd, P.O.-Kashipur, Distt. Udhamsingh Nagar
15.	Sh. Kalyan Singh	-	-	Village-Gardhai, P.O.-Mahuakhera Ganj, Distt. Udhamsingh Nagar
16.	Sh. Sanjeev Tomar	-	M/s Kumaon Garhwal Chamber of Commerce & Industry Uttarakhand	Chamber House, Industrial Estate, Bazpur Road, Kashipur, Distt. Udhamsingh Nagar.
17.	Sh. Jagdish Singh	-	-	Dharpur, Chatarpur, Distt. Udhamsingh Nagar.
18.	Sh. Tijendra Singh	-	-	Lok Vihar Colony, Rampur Road, Rudrapur, Distt. Udhamsingh Nagar.
19.	Sh. D.S. Chaudhary	-	M/s Balaji Action Buildwell	Plot No. C-34 & C-34(a) to (d), C-6(a), C-6(b) & C-3, Eldeco Sidcul Industrial

Sl. No.	Name	Designation	Organization	Address
				Park, Sitarganj-262405, Distt. Udham Singh Nagar.
20.	Sh. Hari Om	-	-	Plot No. 23, Sector-3, IIE, Sidcul, Pantnagar, Distt. Udham Singh Nagar.
21.	Sh. Lokesh Ginodia	-	M/s Umashakti Steels (P) Ltd.	Village-Vikrampur, Bannakheda Road, P.O.-Bazpur, Distt. Udham Singh Nagar
22.	Sh. Krishna Avtar Sharma	-	-	Awas Vikas Colony, near Holi Chowk, Rudrapur, Distt. Udham Singh Nagar

List of Participants in Hearing at Uttarkashi on 04.03.2020

Sl. No.	Name	Designation	Organization	Address
1.	Sh. Shailendra Matura	President	Hotel Association	Distt. Uttarkashi
2.	Sh. Rajendra Panwar	-	Hotel Vijayraj	Gangori, Distt. Uttarkashi
3.	Sh. Deepak Kothiyal	-	-	Lane No.-4, Shanti Nagar, Rishikesh
4.	Sh. Prakash Bhandari	-	Hotel K.N.B. Heritage	Bhatwari Road, Distt. Uttarkashi-249193
5.	Sh. Bindesh Kuriyal	-	Hotel Mankameshwer	Netala, Distt. Uttarkashi-249193
6.	Sh. Dhirender Semwal	-	Hotel Bhagirathi Residency	Netala, Distt. Uttarkashi
7.	Sh. Dhanpal Panwar	-	Hotel Ganga Putra	Netala, Distt. Uttarkashi
8.	Sh. Ashish Kuriyal	-	Mahima Resort	Netala, Distt. Uttarkashi
9.	Sh. Rajesh Joshi	-	Holiday Residency	Netala, Distt. Uttarkashi
10.	Sh. Sobendra Singh	-	Megha Guest House	Netala, Distt. Uttarkashi
11.	Sh. Vishal Gumber	-	Hotel Radhika Palace	NH-34, Distt. Uttarkashi- 249193
12.	Sh. Dinesh Kumar Semwal	-	-	Semwal Bhawan, Bhairav Chowk, Barahat, near Parhuram Temple, Distt. Uttarkashi
13.	Sh. Narayan Hari Srivastav	-	-	Biplagali, Distt. Uttarkashi
14.	Sh. Deependra Negi	-	-	Negi T-Stall, Vishwanath Chowk, Distt. Uttarkashi
15.	Sh. Dharambeer Singh	-	-	Lakeshwar, Kot Banglow Road, Distt. Uttarkashi
16.	Sh. Kuldeep Singh Gusain	-	-	"Gusain Bhawan", near Sub Tehsil Office, Joshiyara, Distt. Uttarkashi
17.	Sh. Krishna Kumar	-	-	Ward No. 03, Gyansu, Distt. Uttarkashi
18.	Sh. Deepak Bijalwan	Chairman	Zila Panchayat	Distt. Uttarkashi
19.	Sh. Anand Singh Panwar	Chairman	Bar Association	Distt. Uttarkashi
20.	Sh. B.S. Matura	Ex. Vice Chairman	Bar Council	Chamber No. 4, District Court, Distt. Uttarkashi
21.	Sh. Praveen Chandra Semwal	General Secretary	Bar Association	Distt. Uttarkashi
22.	Sh. Subhash Singh Kumain	-	Hotel Holy View	Gangotri Road, Distt. Uttarkashi-249193
23.	Sh. Mahabeer Singh	-	Hotel Devansh	Netala, Distt. Uttarkashi
24.	Sh. Praveen Kumar Nautiyal	-	Hotel Omkar	Netala, Distt. Uttarkashi

Sl. No.	Name	Designation	Organization	Address
25.	Sh. Manmohan Thalwal	Mahamantri	Vayapar Mandal	Distt. Uttarkashi
26.	Sh. Ankit Kukreti	-	-	Village & Post Ganeshpur, Distt. Uttarkashi
27.	Sh. Arvind Kukreti	-	-	Village & Post Ganeshpur, Distt. Uttarkashi
28.	Sh. Dinesh Kumar Uppal	-	Hotel Dev Lok	Joshiyara, near LIC office, Distt. Uttarkashi
29.	Sh. Anand Singh Rana	Advocate	-	Near Old Bridge, Joshiyara, Distt. Uttarkashi
30.	Sh. Pratap Singh Rana	-	-	Village-Barethi, Post-Matli, Utsav Palace, Distt. Uttarkashi
31.	Sh. Mayank Semwal	-	-	Village & Post-Gangotri, Distt. Uttarkashi
32.	Sh. Vinod Chamoli	-	-	Vill & Post-Joshiyara, Distt. Uttarkashi
33.	Sh. Raghavarnan	-	-	Pujaar Gaon, Dhanari, Dehradun
34.	Sh. Yashpal Singh Panwar	-	Hotel Ganga Darshan	Maneri, Distt. Uttarkashi-249194
35.	Sh. Gaur Singh Mahar	-	-	Village Heena, P.O.-Netala, Distt. Uttarkashi
36.	Sh. Hardev Rawat	-	-	Village-Saturi, P.O.-Jathol, Block-Mori, Distt. Uttarkashi

List of Participants in Hearing at Dehradun on 06.03.2020

Sl. No.	Name	Designation	Organization	Address
1	Sh. Vijay Singh Verma	Secretary	Kisan Club	Village-Delna, P.O. Jhabrera, Haridwar-247665, Uttarakhand
2	Sh. Katar Singh	-	Kisan Club	Village-Sultanpur Sabatwali, P.O. Jhabrera, Haridwar-247667
3	Sh. Pankaj Gupta	President	M/s Industries Association of Uttarakhand	C/o Satya Industries, Mohabbewala Industrial Area, Dehradun
4	Sh. Rajiv Agarwal	Sr. Vice-President	M/s Industries Association of Uttarakhand	C/o Satya Industries, Mohabbewala Industrial Area, Dehradun-248 110
5	Sh. Sanjeev Kumar Sharma	Office Executive	M/s Industries Association of Uttarakhand	C/o Satya Industries, Mohabbewala Industrial Area, Dehradun
6	Sh. Jagdish Bhandari	-	-	94/2, Lane No. 4, Teg Bahadur Road, Dehradun
7	Sh. Arvind Jain	Member	Tarun Kranti Manch (Regd.)	6-Ramleela Bazaar, Dehradun
8	Sh. Subodh Kumar	President	M/s Progressive dairy Farmers Association	Village-Harbanswala, P.O.- Mehuwala Maafi, near Seemadwar, Dehradun
9	Sh. Veer Singh	-	-	Village-Mandawali, P.O.-Gurukul Narsan, Thana-Mangalore, Distt. Haridwar-247670
10	Sh. Shiv Kumar Thapa	-	-	27-A, Sher Bhag Road, Garhi Cantt, Dehradun
11	Sh. A.G. Barbora	-	-	5/1, Canal Road, Jakhan, Dehradun
12	Sh. Shanti Prasad Bhatt	-	RTI Club	124-Mitra Lok Colony, Ballupur, Dehradun
13	Sh. Amar S. Dhunta	General Secretary	RTI Club-Uttarakhand	Off.-827/1, Sirmaur Marg, Kaulagarh Road, Dehradun
14	Sh. B.D. Joshi	-	RTI Club-Uttarakhand	House No. 165, Lane No. 3, Street-4, Vivekanand Gram, Phase-II, Dehradun-248005
15	Sh. Yagya Bhushan Sharma	Secretary	RTI Club-Uttarakhand	Off.-827/1, Sirmaur Marg, Kaulagarh Road, Dehradun
16	Sh. Dheeraj Devradi	-	-	House No.-1, Ganga Vihar, Pithuwala Khurd, Chandrabani, P.O.- Mohabbewala, Dehradun
17	Sh. Akhilesh Sharma	-	-	85-Gandhi Nagar, Ballupur Road, Dehradun
18	Sh. Manish Nawani	-	-	L-24, MDDA Colony, Kedarpuram, Dehradun
19	Sh. Vijay Singh Rawat	-	-	BPO-Banjarawala, Dehradun
20	Sh. B.K. Aggarwal	President	M/s Tirupati LPG Industries Pvt. Ltd.	Selaqui Industrial Area, Opp. BPCL Petrol Pump, Chakrata Road, Selaqui, Dehradun-248001

Sl. No.	Name	Designation	Organization	Address
21	Sh. Tushar Madhukar	-	M/s Hindustan National Glass & Industries Ltd.	Virbhadra, Rishikesh, Dehradun
22	Sh. Viru Bisht	-	-	Mohanpur, Post Off.-Premnagar, Dehradun-248007
23	Sh. Arvind Malik	-	-	Lane No. 4, Tapowan Road, Near Raipur Block Office, Ladpur, Dehradun-248007
24	Sh. Naval Kishore Duseja	DGM (Finance & Accounts)	M/s Flex Foods Ltd.	Lal Tappar Industrial Area, P.O. Resham Majri, Haridwar Road, Dehradun-248140
25	Sh. Kamaldeep Kamboj	-	-	21-Teachers Colony, Govind Garh, Dehradun
26	Sh. Sunil Gupta	Editor	Teesri Aankh ka Tehalka	16, Chakrata Road (Tiptop Gali), Dehradun-248001
27	Sh. K.L. Sundriyal	General Secretary	M/s Prantiya Electrical Contractors Association, Uttarakhand	4(4/3), New Road, Near Hotel Relax, (Amrit Kaur Road), Dehradun
28	Sh. Man Singh	General Manager (Engg.)	M/s Alps Industries Ltd.	Haridwar Unit-II, Plot No. 1 B, Sector-10, Integrated Industrial Estate, SIDCUL, Roshanabad Road, Distt. Haridwar
29	Sh. Surya Prakash	-	-	153, Dharampur, Dehradun
30	Sh. Sanjay Chaudhary	-	-	Village-Nagla Salaru, P.O.-Gurukul Narsan, Tehsil-Roorkee, Distt. Haridwar
31	Sh. Rajendra Chaudhary	Former Vice President	District Congress Committee (Haridwar)	423/35, Civil Lines, Roorkee, Distt. Haridwar
32	Sh. Adarsh Jaiswal	Manager (F&I)	M/s Ambuja Cement Ltd.	Village Lakeshwari, P.O. Sikandarpur Bhainswal, Tehsil Roorkee, Distt. Haridwar-247661, Uttarakhand