



## **TARIFF ORDER**

True-up of FY 2014-15, FY 2015-16 and FY 2016-17, Annual Performance Review of FY 2017-18 and Approval of Aggregate Revenue Requirement (ARR) and determination of tariff for FY 2018-19

Petition No. 250/2017

For

Electricity Department, UT of Dadra and Nagar Haveli (Transmission Division)

30<sup>th</sup> January 2017

### **JOINT ELECTRICITY REGULATORY COMMISSION**

For the State of Goa and Union Territories,  
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**Before the**  
**Joint Electricity Regulatory Commission**  
**For the State of Goa and Union Territories, Gurugram**

QUORUM

Sh. M. K. Goel (Chairperson)

Smt. Neerja Mathur (Member)

Petition No. 250/2017

In the matter of

**Approval of the True-up of FY 2014-15, FY 2015-16 and FY 2016-17, Annual Performance Review of FY 2017-18 and Approval of Aggregate Revenue Requirements (ARR) and Determination of Transmission Tariff for FY 2018-19.**

And in the matter of

Electricity Department, UT of Dadra and Nagar Haveli (Transmission Division) .....**Petitioner**

**ORDER**

Dated: 30<sup>th</sup> January 2018

- a) This Order is passed in respect to the Petition filed by the Electricity Department, UT of Dadra and Nagar Haveli (Transmission Division)) (hereinafter referred to as “the ED-DNH” or “the Licensee” or “the Petitioner”) for approval of the True-up of FY 2014-15, FY 2015-16 and FY 2016-17, Annual Performance Review of FY 2017-18 and approval of Aggregate Revenue Requirements (ARR) and determination of transmission tariff for FY 2018-19.
- b) The Commission examined the information provided in the Petition and requisitioned further information/clarifications from the Petitioner on the data gaps observed to take a prudent view of the Petition. The Commission also held a Technical Validation Session with the Petitioner to determine the sufficiency of requisitioned information. Further, suggestions/comments/objections were invited from the stakeholders, for which a Public Hearing was held and the comments of various stakeholders were heard. The schedule of activities performed in the course of this quasi-judicial process are given below:

<b>Particular</b>	<b>Details</b>
Date of Admission	22 <sup>nd</sup> December 2017
Public Hearing	10 <sup>th</sup> January 2018
Technical Validation Session	16 <sup>th</sup> January 2018

- c) The approved tariff for FY 2018-19 shall come into force from 1st April 2018 and shall remain valid till further Orders of the Commission.
- d) The Licensee shall publish the revised Tariff Schedule and the salient features of tariff within one week of receipt of the Order in three daily newspapers in the respective local languages of the region, besides English, having wide circulation in their respective areas of supply.

- e) Ordered as above, read with the attached document giving detailed reasons, grounds and conditions.

-Sd-

**Neerja Mathur**  
**(Member)**

-Sd-

**M.K.Goel**  
**(Chairperson)**

Joint Electricity Regulatory Commission  
(For the State of Goa and Union Territories)

Place: Gurgaon

Date: 30<sup>th</sup> January 2018

(Certified Copy)

**Keerti Tewari, Secretary**

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## *List of abbreviations*

ACRONYM	DEFINITION
A&G Expenses	Administrative & General Expenses
CEA	Central Electricity Authority
CERC	Central Electricity Regulatory Commission
CPP	Captive Power Plant
Ckt. Km / ckm	Circuit Kilometres
Discom	Distribution Company
EA 2003	Electricity Act 2003
G,T and D	Generation, Transmission and Distribution
IPPs	Independent Power Producers
IDC	Interest During Construction
MU	Million Units
MYT	Multi-Year Tariff
O&M	Operations and Maintenance
R&M Expenses	Repair & Maintenance Expenses
RoE	Return on equity
T&D	Transmission and Distribution
GFA	Gross Fixed Assets
R&M	Renovation & Modernisation
S/S	Sub Station
STOA	Short Term Open Access
O&M	Operation & Maintenance
PGCIL	Power Grid Corporation of India Limited



# 1. Chapter 1: Introduction

## 1.1. About Joint Electricity Regulatory Commission (JERC)

In exercise of the powers conferred by the Electricity Act 2003, the Central Government constituted a Joint Electricity Regulatory Commission for all Union Territories except Delhi to be known as “Joint Electricity Regulatory Commission for Union Territories” with Headquarters at Delhi as notified vide notification no. 23/52/2003-R&R dated 2nd May 2005. Later with the joining of the State of Goa, the Commission came to be known as “Joint Electricity Regulatory Commission for the State of Goa and Union Territories” as notified vide notification no. 23/52/2003-R&R (Vol. II) dated 30th May 2008.

The Joint Electricity Regulatory Commission (hereinafter referred to as “JERC” or “the Commission”) for the State of Goa and Union Territories started functioning with effect from August 2005.

JERC is an autonomous body responsible for regulation of the Power Sector in the State of Goa and Union Territories of Andaman & Nicobar Islands, Lakshadweep, Chandigarh, Daman & Diu, Dadra & Nagar Haveli and Puducherry, consisting of generation, transmission, distribution, trading and use of electricity. Its primary objectives include taking measures conducive to development of electricity industry, promoting competition therein, protecting interest of consumers and ensuring supply of electricity to all areas.

The office of the Commission is located in Gurugram, Haryana.

## 1.2. About Electricity Department, UT of Dadra and Nagar Haveli (Transmission Division)

The Dadra and Nagar Haveli Electricity Reforms Transfer Scheme 2013 was notified by the Administration of Dadra and Nagar Haveli (DNH) vide notification no. 1-1(594) ELE/2013/697 Dated 07th March 2013. Further, the Administration vide notification no. 1-1(656)/ELE/2012/700 Dated 08th March 2013 for the purpose of implementing the Dadra and Nagar Haveli Electricity Reforms Transfer Scheme 2013 notified the effective date as 01st April 2013.

As per the Clause 4(1) of the notified transfer scheme:

*“Subject to the provision of this scheme on and with effect from such date as may be notified by the Administration as effective date of transfer:*

*(a) The functions of Distribution and associated divisions of department as set out in Schedule A shall stand out and vested with DNH Power Distribution Corporation Limited without any further act or things to be done by the Administration or the Company or any other person.”*

As per the Schedule ‘B’ of the notified Transfer Scheme, the assets at 66/11 kV and below have been transferred to DNHPDCL.

Further, as per para at serial no. 8:

*“(8) The functions, duties, personnel, assets, liabilities and proceedings as set out in schedule ‘C’ shall not be transferred to the company and vest with the Electricity Department.”*

As per Schedule ‘C’:

*“Unless otherwise specified by the Administration, the assets, liabilities, personnel and proceedings in relation to following shall not be transferred to the Company:*

1. Function of generation of electricity except non-conventional source of energy.
2. Functions of transmission of electricity.
3. Functions of policy making, Planning and Coordination.

4. Functions which are not transferred to the Company under this scheme.”

Accordingly, the Electricity Department of Dadra and Nagar Haveli has been entrusted with the function of transmission of electricity in its license area. The transmission system of ED-DNH comprises of a total of 36.88 km Double Circuit transmission line at 220 kV voltage level.

The details of operational transmission infrastructure, are as below:

**Table 1: Status of existing Transmission Lines – DC kms**

ASSETS	UNITS	FY 2015-16
<b>EHT</b>		
220 KV lines	DC kms	36.88

**Table 2: Details of existing Substations**

SR. NO.	SUB-STATION	CAPACITY	TOTAL
1	400 KV Ambheti-Vapi Sub-Station (CTU-Power Grid)	3 x 315 MVA	945 MVA
2	400 KV Kala Sub-Station (CTU-Power Grid)	2 x 315 MVA	630 MVA
3	220 KV Kharadpada Sub-Station	2 x 100 + 2 x 160 MVA	520 MVA
4	220 KV Khadoli Sub-Station	3 x 160 MVA	480 MVA
5	220KV Switching Stations at Sayli and New Kharadpada	02 Nos	
	<b>Total Capacity (220KV Level)</b>		<b>1000 MVA</b>

### 1.3. Past Petitions and Orders

ED-DNH is governed by the JERC (Terms and Conditions for Determination of Tariff) Regulations, 2009 (hereinafter referred to as the JERC Tariff Regulations, 2009). The ED-DNH had in earlier years submitted the Petition for determination of Aggregate Revenue Requirements and Transmission Tariff before the Commission and the following Transmission Tariff Orders were issued in respect thereof:

**Table 3: Past Petitions and Orders**

S. No	For FY	Filing date	Date of tariff order
1	FY 2014-15 and FY 2015-16	02 December 2014	30 March 2015
2	FY 2016-17	25 January 2015	31 March 2016
3	FY 2017-18	13 December 2016	19 April 2017

### 1.4. Filing of Petition for True-up of FY 2014-15, FY 2015-16 and FY 2016-17, Annual Performance Review of FY 2017-18 and approval of Aggregate Revenue Requirement (ARR) and determination of transmission tariff for FY 2018-19

ED-DNH has filed its Petition before the Commission on 19<sup>th</sup> December, 2017 for approval of True-up of FY 2014-15, FY 2015-16 and FY 2016-17, Annual Performance Review of FY 2017-18 and approval of Aggregate Revenue Requirement (ARR) and determination of transmission tariff for FY 2018-19 under section 61, 62 and 64 of the Electricity Act 2003.

The Commission admitted the Petition vide its Order dated 22<sup>nd</sup> December, 2017 subject to clarifications/additional information, if any, which would be sought from the Petitioner from time to time.

### 1.5. Interaction with the Petitioner

A preliminary scrutiny/analysis of the Petitions submitted by the Petitioner was conducted and certain deficiencies were observed. Accordingly, deficiency notes were issued to the Petitioner. Further, additional

information/clarifications/justifications were solicited from the Petitioner as and when required, which included O&M Expenses, revenue realisation, capitalization, proposed tariffs etc. The Petitioner submitted additional information through various letters, as listed in the table below.

The Commission conducted the Technical Validation Session (TVS) with the Petitioner at the Commission's office in Gurugram during which discrepancies in the Petition were discussed and additional information required by the Commission were sought. Subsequently, the Petitioner submitted replies to the issues raised in these sessions and provided documentary evidence to substantiate its claims regarding various submissions.

The following table provides the list of interactions with the Petitioner along with the respective date(s):

**Table 4: Interaction with the Petitioner**

Particular	Date
Issuance of First Discrepancy Note	27 <sup>th</sup> December 2017
Response to First Discrepancy Note	2 <sup>nd</sup> January 2018
Public Hearing	10 <sup>th</sup> January 2018
Technical Validation Session	16 <sup>th</sup> January 2018
Issuance of Second Discrepancy Note	16 <sup>th</sup> January 2018
Response to Second Discrepancy Note	19 <sup>th</sup> January 2018
	22 <sup>nd</sup> January 2018
	24 <sup>th</sup> January 2018

However, the Petitioner has failed to provide complete information as sought by the Commission and the Commission has accordingly taken a call regarding the same, as detailed in the relevant sections of this Order.

### 1.6. Public Hearing

Public notices were published by the Petitioner as follows for inviting objections/ suggestions from stakeholders on the Tariff Petition, which have been taken into consideration for finalization of the Tariff Petition:

**Table 5: Details of Public Notices published by the Petitioner**

Sr.No.	Date	Name of Newspaper	Place of circulation
1	23 <sup>rd</sup> December 2017	Damanganga Times	DNH Territory, Silvassa
2	8 <sup>th</sup> January 2018	Indian Express	DNH Territory, Silvassa

Interested stakeholders were requested to file their objections/ suggestions on the Petition to the Commission with a copy to the Petitioner on or before 10<sup>th</sup> January 2018. Copy of the Public Notices published by the Petitioner are attached as **Annexure 1** to this Order.

The Commission also published Public Notices in the leading newspapers as tabled below, giving due intimation to the stakeholders, consumers, and the public at large about the Public Hearing to be conducted by the Commission on 10<sup>th</sup> January 2018 as follows:

**Table 6: Details of Public Notices published by the Commission**

Sr.No.	Date	Name of Newspaper	Place of circulation
1	23 <sup>rd</sup> December 2017	Indian Express (Mumbai edition, English)	DNH Territory, Silvassa
2	23 <sup>rd</sup> December 2017	Gujarat Samachar (Surat Edition, Gujarat)	DNH Territory, Silvassa
3	23 <sup>rd</sup> December 2017	Navbharat Times (Mumbai edition, Hindi)	DNH Territory, Silvassa
4	8 <sup>th</sup> January 2018	Indian Express (Mumbai edition, English)	DNH Territory, Silvassa

Sr.No.	Date	Name of Newspaper	Place of circulation
5	8 <sup>th</sup> January 2018	Gujarat Samachar (Surat Edition, Gujarat)	DNH Territory, Silvassa
6	8 <sup>th</sup> January 2018	Navbharat Times (Mumbai edition, Hindi)	DNH Territory, Silvassa

Copy of the Public Notice published by the Commission is attached as **Annexure 2** to this Order.

The Public Hearing was held at Hotel Yatri Nivas in Silvassa on 10<sup>th</sup> January 2018 from 11.00 a.m. onwards for various stakeholders to voice their suggestions/comments/objections on the issues related to the Petition filed by the Petitioner. **However, the Commission did not receive any written or verbal comments from the Public/ Stakeholders in respect of this Petition.**

## 2. Chapter 2: True-up for FY 2014-15, FY 2015-16 and FY 2016-17

### 2.1. Background

The Commission in its Tariff Order dated 19 April 2017 had directed the Petitioner to submit audited annual accounts along with true-up Petitions for FY 2014-15 onwards:

*“The Commission observes that the Petitioner is yet to submit the True-up Petition of FY 2014-15 along with audited accounts for the FY 2013-14 and FY 2014-15. The Commission reiterates its direction to submit the True-up Petition for the FY 2014-15.*

*Further, the Commission directs the Petitioner to submit the True-up Petitions for the FY 2015-16 and FY 2016-17 along with the Annual Performance Review of FY 2017-18 and the ARR and Transmission Tariff Petition for the FY 2018-19. In case of further non-compliance, the Commission shall be constrained to take appropriate action against the Petitioner in terms of the applicable Regulations”*

The Petitioner, following the Commission’s directive, has submitted the audited annual accounts for FY 2013-14, FY 2014-15, FY 2015-16 and FY 2016-17. The Petitioner has also submitted the True-up Petitions for FY 2014-15, FY 2015-16 and FY 2016-17 as per the JERC (Terms and Conditions for Determination of Tariff) Regulations, 2009.

As per **Regulation 8 (2) of the JERC (Terms and Conditions for Determination of Tariff) Regulations, 2009**, the Review and True-up of revenue and expenses of the Petitioner shall be carried out as follows:

*“(2) (i) After audited accounts of a year are made available, the Commission shall undertake similar exercise as above with reference to the final actual figures as per the audited accounts. This exercise with reference to audited accounts shall be called ‘Truing Up’.*

*(ii) The Truing Up for any year will ordinarily not be considered after more than one year of ‘Review’.”*

The Commission now in this Chapter carries out the true-up for FY 2014-15, FY 2015-16 and FY 2016-17 as per JERC Tariff Regulations, 2009.

### 2.2. Capital Expenditure and Capitalisation

#### Petitioner’s submission

The Petitioner has submitted the following details with regard to the capital expenditure and capitalisation for FY 2014-15, FY 2015-16 and FY 2016-17:

**Table 7: Capitalisation details submitted by Petitioner (Figures in Rs Crore)**

Particulars	True-up for 2014-15	True-up for 2015-16	True-up for 2016-17
Opening Gross Fixed Assets	123.17	177.9	214.52
Addition During the FY	54.73	36.61	15.20
Closing Gross Fixed Assets	177.9	214.52	229.72

The Commission in its discrepancy note sought the details of project wise break-up of annual capital expenditure and capitalization against the values approved by the Central Electricity Authority (CEA). The details, as mentioned in the next page, have been submitted:

**Table 8: Year wise capitalisation (Figures in Rs. Crores)**

Particulars	Cost approved by CEA (Rs Cr)	Capitalisation in FY 2014-15 (Rs Cr)	Capitalisation in FY 2015-16 (Rs Cr)	Capitalisation in FY 2016-17 (Rs Cr)	Remarks
Interconnectivity of 220 kV M/C & D/C line from 400 kV Kala Substation to 220/66 kV Khadoli Substation	31.48	14.87	16.35	1.15	Delay due to right of way issue and change in technical design
Interconnectivity of 220 kV M/C & D/C line from 400 kV Kala Substation to 220 New Kharadpada Substation	48.72	16.50	19.23	10.01	Delay due to right of way issue and change in technical design
Augmentation of 220/66 kV Khadoli Substation from 2 x160 MVA to 3 x 160 MVA capacity	16.51	5.00	1.00	4.04	Delay in finalization of agency by PGCIL; Part capitalised before FY 2014-15 also
Augmentation of 220/66 kV Kharadpada Substation from 400 MVA to 520 MVA capacity	19.00	18.34	0.00	0.00	No delay
Office Equipment	Not applicable	0.02	0.04	0.00	
<b>Total</b>		<b>54.73</b>	<b>36.61</b>	<b>15.20</b>	

The Petitioner has submitted that the capital expenditure is equal to the capitalisation for the years FY 2014-15, FY 2015-16 and FY 2016-17.

### Commission's analysis

The Commission observes that the capital expenditure and capitalisation achieved by the Petitioner has been affected by delays in project execution. The variation from the approved capitalisation for the years FY 2014-15, FY 2015-16 and FY 2016-17 is as follows:

**Table 9: Capitalisation achieved (Figures in Rs Crore)**

S. No	Particulars	FY 2014-15	FY 2015-16	FY 2016-17
1	Approved in previous Tariff Orders (a)	26.08	40.85	49.74
2	Actual (b)	54.73	36.61	15.20
	<b>Variation (b-a)</b>	<b>28.65</b>	<b>(4.24)</b>	<b>(34.54)</b>

The Commission notes the reasons for delay as submitted by ED-DNH and observes that most of the delays in project execution can be attributed to factors that were beyond the control of the Petitioner. Under such circumstances the Commission finds it prudent to approve the capitalisation as submitted by the Petitioner. However, the Commission cautions the Petitioner with regard to the delays and directs the Petitioner to make every effort to ensure that the projects are completed in a timely manner.

As part of the response to the discrepancy note issued by the Commission, the Petitioner submitted that the fixed asset addition for FY 2015-16 as recorded in the audited books of account do not reflect the actual asset addition (Rs 36.61 Crore) as submitted by ED-DNH in its Petition.

**The Commission directs the Petitioner to correct the anomaly and submit the revised audited accounts for the affected year in future Petition.**

Based on the analysis of fixed asset addition as submitted by the Petitioner, the Commission accordingly approves the capitalisation as shown in the table below.

**Table 10: Fixed asset addition approved (Figures in Rs Crore)**

S. No	Financial year	Approved in Previous Tariff Orders	Petitioner's Submission	Now Approved by Commission
1	FY 2014-15	26.08	54.73	54.73
2	FY 2015-16	40.85	36.61	36.61
3	FY 2016-17	49.74	15.20	15.20

### 2.3. Capital Structure

#### Petitioner's Submission

The Petitioner has submitted that the entire capital deployment at ED-DNH is through equity in FY 2014-15, FY 2015-16 and FY 2016-17. However, the Petitioner has also submitted that the following assets have been established through consumer contributions:

- Establishment of 220 kV Switching Sub-Station at New Kharadpada (FY 2013-14)
- Establishment of 220 kV Switching Sub-Station at village Sayli (FY 2013-14)

#### Commission's analysis

**Regulation 23 of the JERC Tariff Regulations, 2009** specifies as under:

*“For the purpose of determination of tariff, debt-equity ratio in case of existing, ongoing as well as new projects commencing after the date of notification of these Regulations 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 loan. Where actual equity employed is less than 30%, the actual debt and equity shall be considered for determination of tariff...”*

#### Normative equity

Since the amount of equity employed by ED-DNH is more than 30%, the **Commission has relied on the above mentioned regulation and considered 30% of the total capital deployment of the Petitioner as normative equity.**

#### Normative loan

**As submitted by the Petitioner, the entire capital deployment of ED-DNH is through equity. Therefore, 70% of the same has been treated as normative loan by the Commission as specified in the aforementioned regulation.**

**Regulation 25 of the JERC Tariff Regulations, 2009** specifies the treatment of normative loans:

*“(1) For existing loan capital, interest and finance charges on loan capital shall be computed on the outstanding loans, duly taking into account the rate of interest and schedule of repayment as per the terms and conditions of relevant agreements.*



(2) Interest and finance charges on loan capital for new investments shall be computed on the loans, duly taking into account the rate of interest and the schedule of repayment as per the terms and conditions of relevant agreements. The rate of interest shall, however, be restricted to the prevailing **Prime Lending Rate** of the State Bank of India.

(3) **The interest rate on the amount of equity above 30% treated as loan shall be the weighted average rate of interest on loan capital of the generating company / licensee”**

#### Consumer contribution

Further, the Commission takes cognizance of the Petitioner’s submission that some of the assets have been funded through consumer contribution. However, the Petitioner has failed to provide the details of the assets established through consumer contributions. **The Commission thus directs the Petitioner to provide the details of cost of the assets created through consumer contributions. The impact of the same shall be accounted for by the Commission in future Tariff Orders.**

Based on the above, the Commission has determined the capital structure for FY 2014-15, FY 2015-16 and FY 2016-17 as follows:

**Table 11: Fixed asset addition (Figures in Rs Crore)**

S. No	Particulars	FY 2014-15	FY 2015-16	FY 2016-17
1	Opening GFA	123.17	177.90	214.52
2	Addition in GFA during the year	54.73	36.61	15.20
3	Closing GFA	177.90	214.52	229.72

**Table 12: Normative loan addition (Figures in Rs Crore)**

S. No	Particulars	FY 2014-15	FY 2015-16	FY 2016-17
1	Opening loan	2.34	33.02	48.61
2	Addition in loan during the year (70% of GFA addition)	38.31	25.63	10.64
3	Less: Normative repayment (depreciation)*	7.63	10.04	11.41
4	Closing loan	33.02	48.61	47.85

\*Discussed in section 2.5

**Table 13: Normative equity addition (Figures in Rs Crore)**

S. No	Particulars	FY 2014-15	FY 2015-16	FY 2016-17
1	Opening equity	1.06	17.48	28.46
2	Addition in equity (30% of GFA addition)	16.42	10.98	4.56
3	Closing equity	17.48	28.46	33.02

#### **2.4. Operation & Maintenance Expenses**

In the Tariff Order dated 30<sup>th</sup> March 2015, the Commission had opined the following regarding O&M expenses:

*“... The Commission further opines that this is the first year of ARR filings for transmission function and no financial and operation figures are available to compute the norms. Therefore the Commission considers it appropriate to allow O&M expenses based on employee cost, R&M expenses and A&G expenses as projected by the Petitioner with weighted average inflationary increase of WPI...”*

The audited accounts were not submitted by the Petitioner in the subsequent Petitions also. Therefore the Commission in the Tariff Order dated 31<sup>st</sup> March 2016 opined the following regarding O&M expenses:



“...The Commission further opines that this is the second consecutive year of ARR filings for the transmission function and the Petitioner is not able to provide the required financial and operational figures to compute the norms. Therefore, the Commission considers it appropriate to allow O&M expenses for FY 15-16 and FY 16-17 based on projected employee cost, R&M expenses and A&G expenses for FY 14-15 with average inflationary increase of past three year WPI...”

Since the O&M expenses approved in the previous Tariff Orders were determined in the absence of audited accounts for FY 2014-15, FY 2015-16 and FY 2016-17, and that this is the first exercise of True-up for ED-DNH, the Commission, as detailed in the following sections, has approved the O&M expenses as incurred after analysis of the audited accounts. However, the Commission cautions the Petitioner with regard to exceeding the Commission approved trajectory and directs it to ensure prudent deployment of capital.

#### 2.4.1. Employee Expenses

##### Petitioner’s submission

The employee expenses submitted by the Petitioner, comprise of salaries, dearness allowance, bonus and terminal benefits in the form of pension, gratuity, leave encashment and staff welfare expenses. The employee expenses submitted by the Petitioner against approved values for FY 2014-15, FY 2015-16 and FY 2016-17 are as follows:

**Table 14: Employee expenses submitted (Figures in Rs. Crores)**

Particulars	True-up for 2014-15		True-up for 2015-16		True-up for 2016-17	
	Approved in Tariff Order dated 30.03.2015	Actual	Approved in Tariff Order dated 30.03.2015	Actual	Approved in Tariff Order dated 31.03.2016	Actual
Employee Expenses	1.20	1.99	1.29	2.72	1.16	2.28

##### Commission’s analysis

The Commission after analysing the annual audited accounts requested the Petitioner to submit the impact of implementation of the 7<sup>th</sup> Pay Commission recommendations. The Petitioner has accordingly submitted the following details:

**Table 15: Impact of 7th Pay Commission (Figures in Rs. Crores)**

Particulars	True-up for 2014-15		True-up for 2015-16		True-up for 2016-17	
	Approved in Tariff Order dated 30.03.2015	Actual	Approved in Tariff Order dated 30.03.2015	Actual	Approved in Tariff Order dated 31.03.2016	Actual
Base Employee Expenses	1.20	1.99	1.29	2.72	1.16	2.15
Impact of 7 <sup>th</sup> Pay (Including Arrears)	0.00	0.00	0.00	0.00	0.00	0.13
<b>Total Employee Expenses</b>	<b>1.20</b>	<b>1.99</b>	<b>1.29</b>	<b>2.72</b>	<b>1.16</b>	<b>2.28</b>

The Commission is of the opinion that increase in salaries and wages on account of the recommendations of the 7<sup>th</sup> Pay Commission is an uncontrollable expenditure, hence any increase on account of the 7<sup>th</sup> Pay Commission recommendations should be a pass through.

The Commission also notes the variation of actual employee expenses from the approved expenses. Therefore, the Commission has relied on the reasoning as discussed in section 2.4 to approve the employee expenses. Based

on the aforementioned philosophy and verification of the audited accounts of the Petitioner, the Commission approves the following Employee Expenses for the True-up years:

**Table 16: True-up of Employee Expenses (Figures in Rs. Crores)**

Particulars	True-up for 2014-15			True-up for 2015-16			True-up for 2016-17		
	Approved in Tariff Order dated 30.03.2015	Actual	Now approved	Approved in Tariff Order dated 30.03.2015	Actual	Now approved	Approved in Tariff Order dated 31.03.2016	Actual	Now approved
Base Employee Expenses	1.20	1.99	1.99	1.29	2.72	2.72	1.16	2.15	2.15
Impact of 7 <sup>th</sup> Pay (Including Arrears)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.13	0.13
<b>Total Employee Expenses</b>	<b>1.20</b>	<b>1.99</b>	<b>1.99</b>	<b>1.29</b>	<b>2.72</b>	<b>2.72</b>	<b>1.16</b>	<b>2.28</b>	<b>2.28</b>

#### 2.4.2. Administrative and General (A&G) Expenses

##### Petitioner's submission

The Administrative and General (A&G) expenses submitted by the Petitioner, comprise of rents, telephone and other communication expenses, professional charges, conveyance and travelling allowances, other debits. The A&G expenses submitted by the Petitioner against approved values for FY 2014-15, FY 2015-16 and FY 2016-17 are as follows:

**Table 17: A&G expenses submitted (Figures in Rs. Crores)**

S. No	Particulars	True-up for 2014-15		True-up for 2015-16		True-up for 2016-17	
		Approved in Tariff Order dated 30.03.2015	Actual	Approved in Tariff Order dated 30.03.2015	Actual	Approved in Tariff Order dated 31.03.2016	Actual
1	A&G Expenses	0.17	0.50	0.18	0.41	0.18	0.27

##### Commission's analysis

The Commission notes the variation of actual A&G expenses from the approved expenses. Therefore, the Commission has relied on the reasoning as discussed in section 2.4 to approve the A&G expenses. Based on the aforementioned philosophy and verification of the audited accounts of the Petitioner, the Commission approves the following A&G Expenses for the True-up years:

**Table 18: True-up of A&G Expenses (Figures in Rs. Crores)**

Particulars	True-up for 2014-15			True-up for 2015-16			True-up for 2016-17		
	Approved in Tariff Order dated 30.03.2015	Actual	Now approved	Approved in Tariff Order dated 30.03.2015	Actual	Now approved	Approved in Tariff Order dated 31.03.2016	Actual	Now approved
Total A&G Expenses	0.17	0.50	0.50	0.18	0.41	0.41	0.18	0.27	0.27

### 2.4.3. Repair & Maintenance Expenses (R&M)

#### Petitioner's submission

The Petitioner submitted that the R&M expenses are incurred towards maintenance and upkeep of the transmission system and that adequate R&M activities help in reduction of transmission and distribution losses and avoiding breakdowns in the system

R&M expenses submitted by the Petitioner against approved values for FY 2014-15, FY 2015-16 and FY 2016-17 are as follows:

**Table 19: R&M expenses submitted (Figures in Rs. Crores)**

S. No	Particulars	True-up for 2014-15		True-up for 2015-16		True-up for 2016-17	
		Approved in Tariff Order dated 30.03.2015	Actual	Approved in Tariff Order dated 30.03.2015	Actual	Approved in Tariff Order dated 31.03.2016	Actual
1	R&M Expenses	1.84	3.21	1.98	2.14	1.51	1.91

#### Commission's analysis

The Commission observes that the Petitioner's R&M expenses have been decreasing over the years, even though there has been a continuous asset addition during this period. **The Commission cautions the Petitioner with regard to this decreasing trend and directs the Petitioner to ensure that adequate expenditure is made to ensure reliable and quality power supply while focusing on loss reduction in the system.**

The Commission notes the variation of actual R&M expenses from the approved expenses. Therefore, the Commission has relied on the reasoning as discussed in section 2.4 to approve the R&M expenses. Based on the aforementioned philosophy and verification of the audited accounts of the Petitioner, the Commission approves the following R&M expenses for the True-up years:

**Table 20: True-up of R&M Expenses (Figures in Rs. Crores)**

Particulars	True-up for 2014-15			True-up for 2015-16			True-up for 2016-17		
	Approved in Tariff Order dated 30.03.2015	Actual	Now approved	Approved in Tariff Order dated 30.03.2015	Actual	Now approved	Approved in Tariff Order dated 31.03.2016	Actual	Now approved
Total R&M Expenses	1.84	3.21	3.21	1.98	2.14	2.14	1.51	1.91	1.91

### 2.4.4. Total Operational and Maintenance expenses

Based on the above sections, the O&M expenses approved by the Commission for the FY 2014-15, FY 2015-16 and FY 2016-17 are as mentioned in the next page:

**Table 21: Total O&M Expenses (Figures in Rs. Crores)**

Particulars	True-up for 2014-15			True-up for 2015-16			True-up for 2016-17		
	Approved in Tariff Order dated 30.03.2015	Actual	Now approved	Approved in Tariff Order dated 30.03.2015	Actual	Now approved	Approved in Tariff Order dated 31.03.2016	Actual	Now approved
Total Employee Expenses	1.20	1.99	1.99	1.29	2.72	2.72	1.16	2.28	2.28
Total A&G Expenses	0.17	0.50	0.50	0.18	0.41	0.41	0.18	0.27	0.27
Total R&M Expenses	1.84	3.21	3.21	1.98	2.14	2.14	1.51	1.91	1.91
<b>Total O&amp;M Expenses</b>	<b>3.21</b>	<b>5.70</b>	<b>5.70</b>	<b>3.45</b>	<b>5.27</b>	<b>5.27</b>	<b>2.85</b>	<b>4.46</b>	<b>4.46</b>

## 2.5. Depreciation

### Petitioner's submission

For computation of Depreciation, the Petitioner has considered the opening balance of the GFA for FY 2014-15 and subsequently added the assets capitalised over the years. The Petitioner submitted that the Depreciation has been worked out as prescribed in the JERC Tariff Regulations, 2009.

**Table 22: Depreciation submitted by Petitioner (Figures in Rs Crore)**

Particulars	True-up for 2014-15		True-up for 2015-16		True-up for 2016-17	
	Approved in Tariff Order dated 30.03.2015	Actual	Approved in Tariff Order dated 30.03.2015	Actual	Approved in Tariff Order dated 31.03.2016	Actual
Opening Gross Fixed Assets	121.26	123.17	147.34	177.9	191.97	214.52
Addition During the FY	26.08	54.73	40.85	36.61	49.74	15.20
Closing Gross Fixed Assets	147.34	177.9	188.19	214.52	241.71	229.72
Average Gross Fixed Assets	134.30	150.54	167.77	196.21	216.84	222.12
<b>Depreciation</b>	<b>6.16</b>	<b>7.90</b>	<b>7.62</b>	<b>11.01</b>	<b>9.97</b>	<b>11.39</b>

### Commission's analysis

#### As per Regulation 26 of the JERC Tariff Regulations, 2009:

*For the purpose of tariff, depreciation shall be computed in the following manner:*

*(i) The value base for the purpose of depreciation shall be the historical cost of the assets, that is actual expenses limited to approved capital cost where such capital cost has been approved by the Commission:*

*Provided that land is not a depreciable asset and its cost shall be excluded from the capital cost while computing depreciation.*

*(ii) The historical cost of the asset shall include additional capitalisation.*

(iii) The historical cost shall include foreign currency funding converted into equivalent rupees at the exchange rate prevalent on the date when foreign currency was actually availed but not later than the date of commercial operation.

(iv) Depreciation for generation and transmission assets shall be calculated annually as per straight-line method over the useful life of the asset at the **rate of depreciation specified by the Central Electricity Regulatory Commission** from time to time.

Provided that the total depreciation during the life of the asset shall not exceed 90% of the original cost. Depreciation for distribution and other assets not covered by CERC shall be as per Government of India norms of 1994 as may be revised by the Commission from time to time” The Commission has considered the Depreciation rates as specified in the CERC (Terms and Conditions of Tariff) Regulations, 2014:

**Table 23: Depreciation rates**

Description	Rate
Plant & Machinery	5.28%
Buildings	3.34%
Vehicles	9.50%
Furniture & Fixtures	6.33%
Computers & Others	15.00%
Land	0.00%

The Commission, after verification of the asset class-wise fixed asset addition in the books of accounts, has arrived at the following Depreciation values as follows:

**Table 24: Depreciation approved for FY 2014-15 (Figures in Rs. Crores)**

S.No	Particulars	Rate of depreciation	Opening GFA	Addition	Closing GFA	Average	Depreciation
1	P&M	5.28%	115.52	54.71	170.23	142.88	7.54
2	Buildings	3.34%	2.42	0.00	2.42	2.42	0.08
3	Vehicles	9.50%	0.00	0.00	0.00	0.00	0.00
4	Furniture & Fixtures	6.33%	0.02	0.02	0.04	0.03	0.00
5	Computers and Others	15.00%	0.00	0.00	0.00	0.00	0.00
6	Land	0.00%	5.21	0.00	5.21	5.21	0.00
	<b>Total</b>		<b>123.17</b>	<b>54.73</b>	<b>177.90</b>	<b>150.54</b>	<b>7.63</b>

**Table 25: Depreciation approved for FY 2015-16 (Figures in Rs. Crores)**

S.No	Particulars	Rate of depreciation	Opening GFA	Addition	Closing GFA	Average	Depreciation
1	P&M	5.28%	170.23	36.57	206.81	188.52	9.95
2	Buildings	3.34%	2.42	0.00	2.42	2.42	0.08
3	Vehicles	9.50%	0.00	0.00	0.00	0.00	0.00
4	Furniture & Fixtures	6.33%	0.04	0.04	0.08	0.06	0.00
5	Computers and Others	15.00%	0.00	0.00	0.00	0.00	0.00
6	Land	0.00%	5.21	0.00	5.21	5.21	0.00
	<b>Total</b>		<b>177.90</b>	<b>36.61</b>	<b>214.52</b>	<b>196.21</b>	<b>10.04</b>

**Table 26: Depreciation approved for FY 2016-17 (Figures in Rs. Crores)**

S.No	Particulars	Rate of depreciation	Opening GFA	Addition	Closing GFA	Average	Depreciation
1	P&M	5.28%	206.81	15.20	222.01	214.41	11.32
2	Buildings	3.34%	2.42	0.00	2.42	2.42	0.08
3	Vehicles	9.50%	0.00	0.00	0.00	0.00	0.00

S.No	Particulars	Rate of depreciation	Opening GFA	Addition	Closing GFA	Average	Depreciation
4	Furniture & Fixtures	6.33%	0.08	0.00	0.08	0.08	0.01
5	Computers and Others	15.00%	0.00	0.00	0.00	0.00	0.00
6	Land	0.00%	5.21	0.00	5.21	5.21	0.00
	<b>Total</b>		<b>214.52</b>	<b>15.20</b>	<b>229.72</b>	<b>222.12</b>	<b>11.41</b>

**Table 27: Approved Depreciation summary vis-à-vis Petitioner's submission (Figures in Rs Crore)**

Particulars	True-up for 2014-15			True-up for 2015-16			True-up for 2016-17		
	Approved in Tariff Order dated 30.03.2015	Submission	Now approved	Approved in Tariff Order dated 30.03.2015	Submission	Now approved	Approved in Tariff Order dated 30.03.2015	Submission	Now approved
Depreciation	6.16	7.90	7.63	7.62	11.01	10.04	9.97	11.39	11.41

## 2.6. Interest and Finance Charges

### Petitioner's submission

The Petitioner has calculated the Interest and Finance charges on normative basis. The normative loan addition has been computed as 70% of the capitalisation for each year.

The repayment of loans has been considered equal to the depreciation during the years.

Further the rate of interest has been considered as SBI PLR (rate as on 1<sup>st</sup> April of respective years)

**Table 28: Interest and Finance charges submitted by Petitioner (Figures in Rs Crore)**

Particulars	True-up for 2014-15		True-up for 2015-16		True-up for 2016-17	
	Approved in Tariff Order dated 30.03.2015	Actual	Approved in Tariff Order dated 30.03.2015	Actual	Approved in Tariff Order dated 31.03.2016	Actual
Opening Normative Loan	1.07	2.34	13.17	32.75	37.13	47.37
Add: Normative Loan During the year	18.26	38.31	28.60	25.63	34.82	10.64
Less: Normative Repayment	6.16	7.90	7.62	11.01	9.97	11.39
Closing Normative Loan	13.17	32.75	34.15	47.37	61.98	46.63
Average Normative Loan	7.12	17.55	23.66	40.06	49.55	47.00
Rate of Interest (%)	14.45%	14.45%	14.45%	14.45%	14.05%	14.05%
Interest on Loan	1.03	2.54	3.42	5.79	6.96	6.60
Financing Charges	0.00	0.00	0.00	0.00	0.00	0.00
<b>Interest and Finance Charges</b>	<b>1.03</b>	<b>2.54</b>	<b>3.42</b>	<b>5.79</b>	<b>6.96</b>	<b>6.60</b>

### Commission's analysis:

The Commission has relied on the reasons detailed in section 2.3 (Capital Structure) to determine the normative loans and corresponding interest and finance charges.

The Petitioner in the Technical Validation Session (TVS) submitted that the entire capitalisation during the years FY 2014-15, FY 2015-16 and FY 2016-17 has been funded by Petitioner's equity and no loan has been taken against any of the capitalised assets.

As per the JERC Tariff Regulations, 2009, if the equity actually deployed is more than 30% of the capital cost, then equity in excess of 30% would be considered as normative loan. Actual loan or normative loan, if any, shall be referred to as gross normative loan. The Commission for the purpose of funding of the capitalisation has considered the normative debt equity ratio of 70:30. Repayment has been considered equivalent to depreciation allowed during the year.

The Commission in its previous Tariff Orders approved the interest on long term loans equivalent to SBI PLR for the respective year. In absence of any actual loan borrowed by the Petitioner, the interest rate has been considered equivalent to SBI PLR for the respective year.

The following table provides the interest and finance charges approved by the Commission:

**Table 29: Interest and Finance charges approved by Commission (Figures in Rs Crore)**

Particulars	True-up for 2014-15			True-up for 2015-16			True-up for 2016-17		
	Approved in Tariff Order dated 30.03.2015	Actual	Now approved	Approved in Tariff Order dated 30.03.2015	Actual	Now approved	Approved in Tariff Order dated 31.03.2016	Actual	Now approved
Opening Normative Loan	1.07	2.34	2.34	13.17	32.75	33.02	37.13	47.37	48.61
Add: Normative Loan During the year	18.26	38.31	38.31	28.60	25.63	25.63	34.82	10.64	10.64
Less: Normative Repayment	6.16	7.90	7.63	7.62	11.01	10.04	9.97	11.39	11.41
Closing Normative Loan	13.17	32.75	33.02	34.15	47.37	48.61	61.98	46.63	47.85
Average Normative Loan	7.12	17.55	17.68	23.66	40.06	40.82	49.55	47.00	48.23
Rate of Interest (%)	14.45%	14.45%	14.45%	14.45%	14.45%	14.45%	14.05%	14.05%	14.05%
Interest on Loan	1.03	2.54	2.56	3.42	5.79	5.90	6.96	6.60	6.78
Financing Charges	-	0.00	0.00	-	0.00	0.00	-	0.00	0.00
<b>Interest and Finance Charges</b>	<b>1.03</b>	<b>2.54</b>	<b>2.56</b>	<b>3.42</b>	<b>5.79</b>	<b>5.90</b>	<b>6.96</b>	<b>6.60</b>	<b>6.78</b>

## 2.7. Interest on Working Capital

### Petitioner's submission

The Petitioner has calculated interest on working capital based on the normative principles outlined by the JERC Tariff Regulations, 2009. The Petitioner's submission is as mentioned in the next page:

**Table 30: Interest on working capital submitted (Figures in Rs. Crores)**

Particulars	FY 2014-15		FY 2015-16		FY 2016-17	
	Approved in Tariff Order dated 30.03.2015	Actual	Approved in Tariff Order dated 30.03.2015	Actual	Approved in Tariff Order dated 31.03.2016	Actual
Receivables equivalent to two months of fixed cost	1.91	3.04	2.88	4.41	3.99	4.67
Maintenance spares @15% of Operation and Maintenance expenses	1.21	0.86	0.29	0.79	0.65	0.67
Operation and Maintenance expenses for one month	0.27	0.48	1.29	0.44	0.42	0.37
<b>Total Working Capital Requirement</b>	<b>3.39</b>	<b>4.37</b>	<b>4.46</b>	<b>5.63</b>	<b>5.06</b>	<b>5.71</b>
Rate of Interest(%) –SBI Base Rate	14.45%	14.45%	14.45%	14.45%	14.45%	14.05%
<b>Interest on Working Capital</b>	<b>0.49</b>	<b>0.63</b>	<b>0.64</b>	<b>0.81</b>	<b>0.73</b>	<b>0.80</b>

**Commission’s analysis:**

**Regulation 29 of the JERC Tariff Regulations, 2009** states the following with regard to interest on working capital calculation:

*“(1) For generation and transmission business, the working capital shall be as per CERC norms.*

...

*“(4) The rate of interest on working capital shall be equal to the **short term Prime Lending Rate** of State Bank of India on the 1st April of the relevant financial year. The interest on working capital shall be payable on normative basis notwithstanding that the generating company / licensee has not taken working capital loan from any outside agency or has exceeded the working capital loan amount worked out on the normative figures.”*

Further, **Regulation 29 of the CERC (Terms and Conditions of Tariff) Regulations, 2014** specifies:

*“(c) Hydro generating station including pumped storage hydro-electric generating station and transmission system including communication system:*

- i. Receivables equivalent to two months of fixed cost;*
- ii. Maintenance spares @ 15% of operation and maintenance expenses specified in regulation 29; and*
- iii. Operation and maintenance expenses for one month.”*

The Commission has thus relied on the above mentioned regulations to determine the interest on working capital as mentioned in the next page:



**Table 31: Interest on working capital approved (Figures in Rs. Crores)**

Particulars	True-up for 2014-15			True-up for 2015-16			True-up for 2016-17		
	Approved in Tariff Order dated 30.03.2015	Actual	Now approved	Approved in Tariff Order dated 30.03.2015	Actual	Now approved	Approved in Tariff Order dated 31.03.2016	Actual	Now approved
Receivables equivalent to two months of receivables	1.91	3.04	2.99	2.88	4.41	4.26	4.16	4.67	4.70
Maintenance spares @15% of Operation and Maintenance expenses	1.21	0.86	0.86	0.29	0.79	0.68	0.43	0.67	0.67
Operation and Maintenance expenses for one month	0.27	0.48	0.48	1.29	0.44	0.44	0.24	0.37	0.37
<b>Total Working Capital Requirement</b>	<b>3.39</b>	<b>4.37</b>	<b>4.32</b>	<b>4.46</b>	<b>5.63</b>	<b>5.38</b>	<b>4.83</b>	<b>5.71</b>	<b>5.75</b>
Rate of Interest(%) – SBI Base Rate	14.45%	14.45%	14.45%	14.45%	14.45%	14.45%	14.05%	14.05%	14.05%
<b>Interest on Working Capital</b>	<b>0.49</b>	<b>0.63</b>	<b>0.62</b>	<b>0.64</b>	<b>0.81</b>	<b>0.78</b>	<b>0.68</b>	<b>0.80</b>	<b>0.81</b>

## 2.8. Return on Equity (RoE)

### Petitioner's submission

The Petitioner has submitted the return on equity in accordance with the CERC (Terms and Conditions of Tariff) Regulations, 2014 and return on equity is computed on 30% of the capital base. A return on equity rate of 15.50% has been considered as specified by the CERC (Terms and Conditions of Tariff) Regulations, 2014.

A normative debt-equity ratio of 70:30 is considered for the assets added over the years as per the JERC Tariff regulations, 2009.

**Table 32: Return on equity claimed (Figures in Rs. Crores)**

Particulars	True-up for 2014-15		True-up for 2015-16		True-up for 2016-17	
	Approved in Tariff Order dated 30.03.2015	Actual	Approved in Tariff Order dated 30.03.2015	Actual	Approved in Tariff Order dated 31.03.2016	Actual
Opening Equity	0.48	1.06	7.82	17.48	21.69	28.46
Additions on account of new capitalisation	7.82	16.42	12.26	10.98	14.92	4.56
Closing Equity	8.31	17.48	20.80	28.46	36.61	33.02
Average Equity	4.40	9.27	13.95	22.97	29.15	30.74
Return on Equity (%)	15.50%	15.50%	15.50%	15.50%	15.50%	15.50%
<b>Return on Equity</b>	<b>0.68</b>	<b>1.44</b>	<b>2.16</b>	<b>3.56</b>	<b>4.52</b>	<b>4.76</b>

### Commission's analysis:

The Commission has relied on the reasons detailed in section 2.3 (Capital Structure) to determine the normative loans and corresponding interest and finance charges. Since the amount of equity employed by ED-DNH is more

than 30%, the Commission has considered 30% of the total capital deployment of the Petitioner as normative equity.

**Regulation 24 (1) of the JERC Tariff Regulations, 2009 states the following:**

*“(1) Subject to the proviso to Regulation 23(2), Return on Equity shall be computed on the paid up equity capital determined in accordance with Regulation 23 and shall be guided by the Central Electricity Regulatory Commission (Terms and Conditions of Tariff) Regulations, 2004 as amended by the CERC from time to time. The same principles will apply for distribution business also as far as possible.”*

As per the **Regulation 24 (2) of the CERC (Terms and Conditions of Tariff) Regulations, 2014**, return on equity shall be considered at 15.50% for transmission business:

*“(2) Return on equity shall be computed at the base rate of 15.50% for thermal generating stations, transmission system including communication system and run of the river hydro generating station, and at the base rate of 16.50% for the storage type hydro generating stations including pumped storage hydro generating stations and run of river generating station with pondage...”*

The return on equity has been calculated on the average of opening and closing of equity during the year at 15.50%. The following table provides the return on equity approved for the year.

**Table 33: Return on equity approved (Figures in Rs. Crores)**

Particulars	True-up for 2014-15			True-up for 2015-16			True-up for 2016-17		
	Approved in Tariff Order dated 30.03.2015	Actual	Now approved	Approved in Tariff Order dated 30.03.2015	Actual	Now approved	Approved in Tariff Order dated 31.03.2016	Actual	Now approved
Opening Equity	0.48	1.06	1.06	7.82	17.48	17.48	21.69	28.46	28.46
Additions on account of new capitalisation	7.82	16.42	16.42	12.26	10.98	10.98	14.92	4.56	4.56
Closing Equity	8.31	17.48	17.48	20.80	28.46	28.46	36.61	33.02	33.02
Average Equity	4.40	9.27	9.27	13.95	22.97	22.97	29.15	30.74	30.74
Return on Equity (%)	15.50%	15.50%	15.50%	15.50%	15.50%	15.50%	15.50%	15.50%	15.50%
<b>Return on Equity</b>	<b>0.68</b>	<b>1.44</b>	<b>1.44</b>	<b>2.16</b>	<b>3.56</b>	<b>3.56</b>	<b>4.52</b>	<b>4.76</b>	<b>4.77</b>

## 2.9. Non-Tariff Income

### Petitioner’s submission

The Petitioner has not shown any Non-Tariff Income for the years FY 2014-15, FY 2015-16 and FY 2016-17.

### Commission’s analysis

As per **Regulation 16 (iii) of the JERC (Open Access in Transmission and Distribution) Regulations, 2009**:

*“25% of the charges collected from the short-term open access users shall be retained by the open access providers (electrical lines) and the balance 75% shall be adjusted towards reduction in the charges payable by the long term open access users (electrical lines).”*

The Commission during the TVS asked the Petitioner about the details of the Non-Tariff income in general and the Short Term Open Access (STOA) charges in particular.

The Petitioner submitted that the STOA charges are collected by DNHPDCL and out of the amount collected, 25% of the charges is passed on to ED-DNH, while the rest 75% is retained by DNHPDCL.

The Commission notes that this practice is not in accordance with the JERC Open Access Regulation, 2009. According to the said regulations, the entire STOA should be passed on to ED-DNH. Out of this transferred amount, 75% of the charges need to be subtracted from the ARR of the Petitioner.

The Commission also notes that although the current practice violates the regulations, it does not cause any financial loss. Therefore, no amount has been subtracted from ARR submitted by the Petitioner on account of Non-Tariff Income (NTI). **However, the Commission directs the Petitioner to ensure the compliance with JERC Open Access Regulations, 2009 with immediate effect and submit the details of compliance in its subsequent Petitions.**

Accordingly, the Commission has not approved any non-tariff income for FY 2014-15, FY 2015-16 and FY 2016-17.

### **2.10. Revenue recovered**

#### **Petitioner's Submission**

The Petitioner submitted the following revenues for FY 2014-15, FY 2015-16 and FY 2016-17:

**Table 34: Revenue recovered (Figures in Rs Crore)**

Particulars	Approved in Tariff Order dated 30.03.2015	Submitted	Approved in Tariff Order dated 30.03.2015	Submitted	Approved in Tariff Order dated 31.03.2016	Submitted
Revenue at Existing Tariff	11.46	0.00	17.25	3.23	24.95	24.95

The Commission in its discrepancy note sought the justification for variation in the revenue recovered from the approved ARR for the FY 2015-16.

The Petitioner submitted that variation is on account of error in recording the actual revenue in the audited balance sheets. The Petitioner consequently submitted the revised revenue figures as follows:

**Table 35: Revenue recovered-revised submission (Figures in Rs Crore)**

Particulars	Approved in Tariff Order dated 30.03.2015	Submitted	Approved in Tariff Order dated 30.03.2015	Submitted	Approved in Tariff Order dated 31.03.2016	Submitted
Revenue at Existing Tariff	11.46	0.00	17.25	17.30	24.95	24.95

#### **Commission's analysis**

The Commission has taken cognizance of and considered the revised submission of the Petitioner.

### **2.11. Annual Revenue Requirement (ARR)**

#### **Petitioner's submission**

Based on the expenses as above, the Petitioner submitted the net annual revenue requirement for the FY 2014-15, FY 2015-16 and FY 2016-17.

#### **Commission's analysis**

On the basis of the analysis of all the cost parameters of the ARR, the Commission has considered and approved the revenue requirement in the True up of FY 2014-15, FY 2015-16 and FY 2016-17 as given in the following table:

**Table 36: True-up for FY 2014-15, FY 2015-16 and FY 2016-17**

Particulars	True-up for 2014-15			True-up for 2015-16			True-up for 2016-17		
	Approved in Tariff Order dated 30.03.2015	Submitted	Now approved	Approved in Tariff Order dated 30.03.2015	Submitted	Now approved	Approved in Tariff Order dated 31.03.2016	Submitted	Now approved
O&M Expense	3.21	5.70	5.70	3.45	5.27	5.27	2.85	4.46	4.46
Depreciation	6.16	7.90	7.63	7.62	11.01	10.04	9.97	11.39	11.41
Interest Cost on Long Term Capital Loans	1.03	2.54	2.56	3.42	5.79	5.90	6.96	6.60	6.78
Interest on Working Capital Loans	0.49	0.63	0.62	0.64	0.81	0.78	0.68	0.80	0.81
Return on Equity	0.60	1.44	1.44	2.16	3.56	3.56	4.52	4.76	4.77
<b>Total Revenue Requirement</b>	<b>11.49</b>	<b>18.20</b>	<b>17.95</b>	<b>17.29</b>	<b>26.44</b>	<b>25.54</b>	<b>24.98</b>	<b>28.02</b>	<b>28.22</b>
Less: Non-Tariff Income	0.03	0.00	0.00	0.04	0.00	0.00	0.03	0.00	0.00
<b>Net Revenue Requirement</b>	<b>11.46</b>	<b>18.20</b>	<b>17.95</b>	<b>17.25</b>	<b>26.44</b>	<b>25.54</b>	<b>24.95</b>	<b>28.02</b>	<b>28.22</b>
Revenue at Existing Tariff		0.00	0.00		3.23	17.30		22.68	24.95
<b>Net Gap / (Surplus)</b>		<b>18.20</b>	<b>17.95</b>		<b>23.21</b>	<b>8.24</b>		<b>5.35</b>	<b>3.27</b>

## 2.12. Total revenue gap to be carried forward to FY 2018-19

### Petitioner's submission

The Petitioner has submitted that the total cumulative revenue gap for the period FY 2014-15 to FY 2016-17 in the True up years sums up to Rs. 46.77 Crores. The same has to be passed on to the consumers of the Electricity Department, Transmission Division by way of increase in the transmission tariff. However, passing the gap in a single year may result in tariff shock for the consumers of the Electricity Department, Transmission Division. The Petitioner has therefore requested the Hon'ble Commission to pass on the gap by way of increase in the transmission tariff over a period of two to three years or as deemed fit by the Commission.

### Commission's analysis

The Commission has arrived at a total revenue gap of Rs 44.06 Crores based on the submission made by the Petitioner. In order to avoid a tariff shock, the Commission has decided to allow the pass through of the calculated gap in a phased manner over five years.

The total carrying cost of Rs 44.06 Crores is thus amortised over five years, and the latest SBI PLR has been considered for calculating the interest on this carrying cost distribution.

The revenue gap to be adjusted in the ARR of FY 2018-19 is shown as follows:

**Table 37: Net revenue including carrying costs (Figures in Rs. Crores)**

S. No.	Particulars	FY2014-15	FY2015-16	FY2016-17	FY2017-18
1	Opening Gap	0.00	19.24	30.86	38.70
2	Addition	17.95	8.24	3.27	
3	Closing Gap	17.95	27.49	34.14	38.70
4	Interest rate	14.45%	14.45%	14.05%	13.85%

S. No.	Particulars	FY2014-15	FY2015-16	FY2016-17	FY2017-18
5	Carrying Cost	1.30	3.38	4.57	5.36
<b>6</b>	<b>Total gap including carrying cost</b>	<b>19.24</b>	<b>30.86</b>	<b>38.70</b>	<b>44.06</b>
7	<b>Applicable gap for FY 2018-19</b>				<b>14.13</b>

**Table 38: Carrying cost distribution over five years (Figures in Rs. Crores)**

S. No.	Particulars	FY2018-19	FY2019-20	FY2020-21	FY2021-22	FY 2022-23
1	Opening Gap	44.06	35.25	26.44	17.63	8.81
2	Addition (20% of Rs 44.06 Crore)	(8.81)	(8.81)	(8.81)	(8.81)	(8.81)
3	Closing Gap	35.25	26.44	17.63	8.81	0.00
4	Interest rate*	13.40%	13.40%	13.40%	13.40%	13.40%
5	Carrying Cost	5.31	4.13	2.95	1.77	0.59
<b>6</b>	<b>Total gap including carrying cost ((-2)+5)</b>	<b>14.13</b>	<b>12.95</b>	<b>11.76</b>	<b>10.58</b>	<b>9.40</b>

\*Projected SBI PLR for 1<sup>st</sup> April of respective year, will be revised based on actual SBI PLR

# 3. Chapter 3: Annual Performance Review for FY 2017-18 and Aggregate Revenue Requirement for FY 2018-19

## 3.1. Background

ED-DNH is governed by the JERC (Terms and Conditions for Determination of Tariff) Regulations, 2009 (hereinafter referred to as JERC Tariff Regulations, 2009). The ED-DNH had in earlier years submitted the Petition for determination of Aggregate Revenue Requirements and Transmission Tariff before the Commission and the following Transmission Tariff Orders were issued in respect thereof:

**Table 39: Past Petitions and Orders**

S. No	For FY	Filing date	Date of tariff order
1	FY 2014-15 and FY 2015-16	02 December 2014	30 March 2015
2	FY 2016-17	25 January 2015	31 March 2016
3	FY 2017-18	13 December 2016	19 April 2017

### Regulation 8 (1) of the JERC Tariff Regulations, 2009 states:

*“The Commission shall undertake a review along with the next Tariff Order of the expenses and revenues approved by the Commission in the Tariff Order. While doing so, the Commission shall consider variations between approvals and revised estimates/pre-actuals of sale of electricity, income and expenditure for the relevant year and permit necessary adjustments/ changes in case such variations are for adequate and justifiable reasons. **Such an exercise shall be called ‘Review’.**”*

### Regulation 20 of the JERC Tariff Regulations, 2009 states:

*“While determining the cost of transmission for use of transmission network of each transmission licensee, the Commission shall be guided, as far as feasible, by the principles and **methodologies specified by CERC** as amended from time to time for determination of tariff applicable to transmission licensee.”*

As per **Regulation 20 (3) and Regulation 21 of the CERC (Terms and Conditions of Tariff) Regulations, 2014**, the tariff for transmission of electricity shall be determined as follows:

*“...charges shall be derived on the basis of annual fixed cost. The annual fixed cost (AFC) of a generating station or a transmission system including communication system shall consist of the following components:*

- (a) Return on equity;
- (b) Interest on loan capital;
- (c) Depreciation;
- (d) Interest on working capital; and
- (e) Operation and maintenance expenses:”

The Commission has accordingly done the Annual Performance Review for FY 2017-18 and determined the Aggregate Revenue Requirement.

### 3.2. Transmission losses

#### Petitioner's submission

The transmission loss has been stated to be 0.61% for the FY 2016-17 based on the Energy Audit Report submitted by the Petitioner.

#### Commission's analysis:

The Commission has analysed the Energy Audit Report submitted by DNH Power Distribution Corporation Limited which covers the losses in the network of the Petitioner also. The Commission is of the view that this loss level of 0.61% is reasonably justified for the limited transmission system of ED-DNH.

### 3.3. Capital Expenditure and Capitalisation

#### Petitioner's submission

The Petitioner has submitted that ED-DNH is undertaking capital expenditure for the following purposes:

1. Laying of new transmission lines.
2. Strengthening of the existing transmission network to cope up with the growing demand and connectivity to the new areas under development.

Further, considering the increasing demand from HT & LT consumers, Electricity Department, Transmission Division would be required to undertake significant capital expenditure for system augmentation and strengthening. System augmentation would not only help Electricity Department, Transmission Division in handling increased load but would also ensure better quality of supply and network reliability to the consumers.

Electricity Department, Transmission Division each year drafts an Annual Plan for the capital investment for new schemes and continuing schemes which it plans to incur in the ensuing year. The details of the same are given as follows:

**Table 40: Capital investment plan (Figures in Rs. Crores)**

Sr.No.	Name of Scheme	Total Estimated amount	Expenditure incurred till FY 2016-17	Proposed Expenditure	
				2017-18	2018-19
1	Establishment of 220/66 KV, 2x160 MVA Sub-Station at Waghchiba with associated transmission line.	65.43	20.80	10.00	34.63
	<b>Total</b>	<b>65.43</b>	<b>20.80</b>	<b>10.00</b>	<b>34.63</b>

A summary of the capital expenditure and capitalisation for FY 2017-18 and FY 2018-19 is provided in the following table:

**Table 41: Proposed Capital expenditure and Capitalisation (Figures in Rs. Crores)**

Particulars	FY 2017-18	FY 2018-19
	Petitioner's Revised estimate	Petitioner's Projection
Capital Expenditure	10.00	34.63
Capitalisation	4.00	19.85

### Commission's analysis

The ongoing scheme in the Electricity Department, Transmission Division viz. 'Establishment of 220/66 KV, 2x160 MVA Sub-Station at Waghchiba with associated transmission line', has an estimated cost of Rs. 65.43 Crore. Out of the Rs. 65.43 Crore, the CEA has approved Rs. 55.07 Crore and the approval for the remaining Rs. 10.36 is under consideration of the CEA.

During the Technical Validation Session, it was communicated by the Petitioner that the works of Waghchiba substation are ongoing; however, the proposed capitalisation of Rs 4.00 Crore would not be possible in the year FY 2017-18. Accordingly, the Commission has not considered any capitalisation in FY 2017-18, and instead included it in the capitalization of FY 2018-19.

**Table 42: Approved Capital expenditure and Capitalisation (Figures in Rs. Crores)**

Particulars	FY 2017-18	FY 2018-19	FY 2017-18	FY 2018-19
	Petitioner's Revised estimate	Petitioner's Projection	Now Approved	Now Approved
Capital Expenditure	10.00	34.63	10.00	34.63
Capitalisation	4.00	19.85	0.00	23.85

### 3.4. Capital Structure

#### Petitioner's Submission

The Petitioner has submitted that the entire capital deployment at ED-DNH is through equity. However, the Petitioner has also submitted that the following assets are proposed to be established through consumer contributions:

- Establishment of 220 kV Switching Sub-Station at Bhilosa Ind (FY 2018-19)

#### Commission's analysis

**Regulation 23 of the JERC Tariff Regulations, 2009** specifies as under:

*"For the purpose of determination of tariff, debt-equity ratio in case of existing, ongoing as well as new projects commencing after the date of notification of these Regulations 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 loan. Where actual equity employed is less than 30%, the actual debt and equity shall be considered for determination of tariff..."*

#### Normative equity

Since the amount of equity employed by ED-DNH is more than 30%, the **Commission has relied on the above mentioned regulation and considered 30% of the total capital deployment of the Petitioner as normative equity.**



Normative loan

**As submitted by the Petitioner, the entire capital deployment of ED-DNH is through equity, therefore, 70% of the same has been treated as normative loan by the Commission.**

The **Regulation 25 of the JERC Tariff Regulations, 2009** specifies the treatment of normative loans:

*“(1) For existing loan capital, interest and finance charges on loan capital shall be computed on the outstanding loans, duly taking into account the rate of interest and schedule of repayment as per the terms and conditions of relevant agreements.*

*(2) Interest and finance charges on loan capital for new investments shall be computed on the loans, duly taking into account the rate of interest and the schedule of repayment as per the terms and conditions of relevant agreements. The rate of interest shall, however, be restricted to the prevailing **Prime Lending Rate** of the State Bank of India.*

*(3) **The interest rate on the amount of equity above 30% treated as loan shall be the weighted average rate of interest on loan capital of the generating company / licensee**”*

Consumer contribution

Further, the Commission takes cognizance of the Petitioner’s submission that some of the assets have been funded through consumer contribution. However, the Petitioner has failed to provide the details of the assets established through consumer contributions. **The Commission thus directs the Petitioner to provide the details of cost of the assets created through consumer contributions. The impact of the same shall be accounted for by the Commission in future Tariff Orders.**

Based on the above, the Commission has determined the capital structure for FY 2017-18 and FY 2018-19 as follows:

**Table 43: Fixed asset addition (Figures in Rs Crore)**

S. No	Particulars	FY 2017-18	FY 2018-19
1	Opening GFA	229.71	229.71
2	Addition in GFA during the year	0.00	23.85
3	Closing GFA	229.71	253.56

**Table 44: Normative loan addition (Figures in Rs Crore)**

S. No	Particulars	FY 2017-18	FY 2018-19
1	Opening loan	47.85	36.04
2	Addition in loan during the year (70% of GFA addition)	0.00	16.70
3	Less: Normative repayment (depreciation)*	11.81	12.44
4	Closing loan	36.04	40.30

\*Discussed in section 3.6

**Table 45: Normative equity addition (Figures in Rs Crore)**

S. No	Particulars	FY 2017-18	FY 2018-19
1	Opening equity	33.02	33.02
2	Addition in equity (30% of GFA addition)	0.00	7.16
3	Closing equity	33.02	40.18

### 3.5. Operation & Maintenance Expenses

As per **Regulation 27 (2) of the JERC Tariff Regulations, 2009:**

*"While determining the O&M expenses for transmission functions within the State, the Commission shall be guided, as far as feasible by the principles and methodology specified by CERC on the matter, as amended from time to time".*

Further, as per regulation **29 (4) (b) of the CERC (Terms and Conditions of Tariff) Regulations, 2014:**

*"(b) The total allowable operation and maintenance expenses for the transmission system shall be calculated by multiplying the number of bays and kms of line length with the applicable norms for the operation and maintenance expenses per bay and per km respectively."*

Thus, the CERC Regulations specify that O&M expenses shall be determined as per the norms based on "Rs. Lakh/bay" and "Rs. Lakh/ckt-KM".

The Petitioner has submitted that the present transmission system of Electricity Department, Transmission Division consists of 36.88 DC km of 220 kV double circuit (D/C) lines. At present, the UT of Dadra & Nagar Haveli gets power from 400/220 kV PGCIL Vapi and 400/220 kV Kala substation of PGCIL.

Considering the small size of the transmission system, the Commission has placed its reliance on the following proviso of the Regulation 27 (2) of the JERC Tariff Regulations, 2009:

*"Provided further that the Commission may, if it considers it just, practical and proper considering the size of the total transmission system of, and the quantum of electricity handled by, an integrated utility, treat its transmission system as an integral part of its distribution system itself."*

As the size of the network maintained by the Petitioner is very small, the Commission has treated the transmission network as an integral part of the distribution system and has applied the provisions of O&M (applicable to distribution business as per JERC Tariff Regulations 2009) to the Petitioner.

Accordingly, the Commission has considered the **Regulation 27 (3) (b) of the JERC Tariff Regulations 2009:**

*"(b)Base O&M expenses as above shall be adjusted according to variation in the rate of WPI per annum to determine the O&M expenses for subsequent year, where WPI is the Wholesale Price Index on April 1 of the relevant year"*

The average inflationary increase of WPI has been calculated as follows:

**Table 46: Increase in Wholesale Price Index (WPI)\***

Month	FY 2015-16	FY 2016-17
April	110.20	109.00
May	111.40	110.40
June	111.80	111.70
July	111.10	111.80
August	110.00	111.20
September	109.90	111.40
October	110.10	111.50
November	109.90	111.90
December	109.40	111.70
January	108.00	112.60
February	107.10	113.00

Month	FY 2015-16	FY 2016-17
March	107.70	113.20
Average	109.72	111.62
<b>Average annual increase</b>	<b>1.73%</b>	

\*As per the information maintained by Office of the Economic Adviser, Govt. of India, Ministry of Commerce & Industry, Department of Industrial Policy & Promotion (DIPP) <http://eaindustry.nic.in/home.asp>; Base Year : 2011-12 = 100

The Commission has considered FY 2016-17 as the base year and approved the revised estimates for FY 2017-18 and projections for FY 2018-19 by escalating base year (FY 2016-17) O&M expenses by the annual change in Wholesale Price Index (WPI).

### 3.5.1. Employee Expenses

#### Petitioner's submission

The Employee Expenses submitted by the Petitioner, comprise of salaries, dearness allowance, bonus, terminal benefits in the form of pension and gratuity, leave encashment and staff welfare expenses. The employee expenses submitted by the Petitioner against approved values are as follows:

**Table 47: Employee expenses submitted (Figures in Rs. Crores)**

S. No	Particulars	FY 2017-18	FY 2017-18	FY 2018-19
		Approved in Tariff Order dated 19.04.2017	Petitioner's Revised estimate	Petitioner's Projection
1	Employee Expenses	1.20	2.30	2.32

#### Commission's analysis

The Commission on analysing the annual accounts asked the Petitioner to submit the impact of implementation of the 7<sup>th</sup> Pay Commission recommendations. The Petitioner has accordingly submitted the following details:

**Table 48: Impact of 7th Pay Commission (Figures in Rs. Crores)**

S. No	Particulars	FY 2017-18	FY 2018-19
		Petitioner's Revised estimate	Petitioner's Projection
1	Base Employee Expenses	2.02	2.05
2	Impact of 7 <sup>th</sup> Pay (Including Arrears)	0.28	0.27
<b>3</b>	<b>Total Employee Expenses</b>	<b>2.30</b>	<b>2.32</b>

The Commission is of the opinion that increase in salaries and wages on account of recommendations of the 7<sup>th</sup> Pay Commission is an uncontrollable expenditure, hence any increase on account of the 7<sup>th</sup> Pay Commission recommendations should be a pass through.

However, the Commission has relied on Regulation 27 (3) (b) of the JERC Tariff Regulations 2009, as discussed in section 3.5, for projecting the remaining employee expenses (except impact of the 7<sup>th</sup> Pay Commission recommendations). The Commission approves the revised estimates for FY 2017-18 and projections for FY 2018-19 as mentioned in the next page:

**Table 49: Employee Expenses Approved (Figures in Rs. Crores)**

S. No	Particulars	FY 2017-18	FY 2017-18	FY 2018-19	FY 2017-18	FY 2018-19
		Approved in Tariff Order dated 19.04.2017	Petitioner's Revised estimate	Petitioner's Projection	Now Approved	Now Approved
1	Base Employee Expenses	1.20	2.02	2.05	2.19	2.23
2	Impact of 7 <sup>th</sup> Pay (Including Arrears)	0.00	0.28	0.27	0.28	0.27
3	<b>Total Employee Expenses</b>	<b>1.20</b>	<b>2.30</b>	<b>2.32</b>	<b>2.46</b>	<b>2.50</b>

**3.5.2. Administrative and General (A&G) Expenses****Petitioner's submission**

The Administrative and General (A&G) expenses submitted by the Petitioner, comprise of rents, telephone and other communication expenses, professional charges, conveyance and travelling allowances, other debits. The A&G expenses submitted by the Petitioner against approved values are as follows:

**Table 50: A&G expenses submitted (Figures in Rs. Crores)**

S. No	Particulars	FY 2017-18	FY 2017-18	FY 2018-19
		Approved in Tariff Order dated 19.04.2017	Petitioner's Revised estimate	Petitioner's Projection
1	A&G Expenses	0.19	0.27	0.28

**Commission's analysis**

The Commission on analysis of the various costs under the A&G cost head observed a high variation from the approved values of A&G expenses. In reply to the query raised by the Commission the Petitioner submitted that these are incidental expenses which the utility is bound to incur for smooth functioning of the operations.

The Commission has relied on Regulation 27 (3) (b) of the JERC Tariff Regulations 2009, as discussed in section 3.5, for projecting A&G expenses. The Commission approves the revised estimates for FY 2017-18 and projections for FY 2018-19 as follows:

**Table 51: A&G Expenses Approved (Figures in Rs. Crores)**

S. No	Particulars	FY 2017-18	FY 2017-18	FY 2018-19	FY 2017-18	FY 2018-19
		Approved in Tariff Order dated 19.04.2017	Petitioner's Revised estimate	Petitioner's Projection	Now Approved	Now Approved
1	A&G Expenses	0.19	0.27	0.28	0.28	0.28

**3.5.3. Repair & Maintenance Expenses (R&M)****Petitioner's submission**

The Petitioner submitted that R&M expenses are incurred towards day-to-day maintenance of the transmission network of the ED-DNH and form an integral part of the company's efforts towards reliable and quality power supply as also in the reduction of losses in the system.

R&M expenses submitted by the Petitioner against approved values are as mentioned in the next page:

**Table 52: R&M expenses submitted (Figures in Rs. Crores)**

S. No	Particulars	FY 2017-18	FY 2017-18	FY 2018-19
		Approved in Tariff Order dated 19.04.2017	Petitioner's Revised estimate	Petitioner's Projection
1	R&M Expenses	1.57	3.77	3.83

**Commission's analysis**

The Commission has observed in section 2.4.3 of this Order that the Petitioner's R&M expenses have been decreasing over the years, even though there has been a continuous asset addition during this period. The Commission cautions the Petitioner with regard to this decreasing trend and directs the Petitioner to ensure that adequate expenditure is made to ensure reliable and quality power supply while focusing on loss reduction in the system.

The Commission has relied on Regulation 27 (3) (b) of the JERC Tariff Regulations 2009, as discussed in section 3.5, for projecting R&M expenses. The Commission approves the revised estimates for FY 2017-18 and projections for FY 2018-19 as follows:

**Table 53: R&M Expenses Approved (Figures in Rs. Crores)**

S. No	Particulars	FY 2017-18	FY 2017-18	FY 2018-19	FY 2017-18	FY 2018-19
		Approved in Tariff Order dated 19.04.2017	Petitioner's Revised estimate	Petitioner's Projection	Now Approved	Now Approved
1	R&M Expenses	1.57	3.77	3.83	1.95	1.98

**3.5.4. Total Operational and Maintenance expenses**

Based on the above sections, the O&M expenses approved by the Commission for the FY 2017-18 and FY 2018-19 are as follows:

**Table 54: Total O&M Expenses Approved (Figures in Rs. Crores)**

S. No	Particulars	FY 2017-18	FY 2017-18	FY 2018-19	FY 2017-18	FY 2018-19
		Approved in Tariff Order dated 19.04.2017	Petitioner's Revised estimate	Petitioner's Projection	Now Approved	Now Approved
1	Total Employee Expenses	1.20	2.30	2.32	2.46	2.50
2	A&G Expenses	0.19	0.27	0.28	0.28	0.28
3	R&M Expenses	1.57	3.77	3.83	1.95	1.98
4	<b>Total O&amp;M Expenses</b>	<b>2.96</b>	<b>6.34</b>	<b>6.43</b>	<b>4.69</b>	<b>4.76</b>

**3.6. Depreciation****Petitioner's submission**

The Petitioner submitted that depreciation is charged on the basis of straight-line method, on the Gross Fixed Assets in use at the beginning of the year and addition in assets during the financial year. The depreciation is based on the original cost of the Gross Fixed Assets, as mentioned in the next page:

**Table 55: Depreciation submitted by Petitioner (Figures in Rs Crore)**

Particulars	FY 2017-18	FY 2017-18	FY 2018-19
	Approved in Tariff Order dated 19.04.2017	Petitioner's Revised estimate	Petitioner's Projection
Opening GFA	241.68	229.72	233.72
Addition during the year	0.00	4.00	19.85
Closing GFA	241.68	233.72	253.57
Average GFA	241.68	231.72	243.65
<b>Depreciation during the year</b>	<b>12.44</b>	<b>11.91</b>	<b>12.54</b>

**Commission's analysis**

As per **Regulation 26 of the JERC Tariff Regulations, 2009:**

*For the purpose of tariff, depreciation shall be computed in the following manner:*

*(i) The value base for the purpose of depreciation shall be the historical cost of the assets, that is actual expenses limited to approved capital cost where such capital cost has been approved by the Commission:*

*Provided that land is not a depreciable asset and its cost shall be excluded from the capital cost while computing depreciation.*

*(ii) The historical cost of the asset shall include additional capitalisation.*

*(iii) The historical cost shall include foreign currency funding converted into equivalent rupees at the exchange rate prevalent on the date when foreign currency was actually availed but not later than the date of commercial operation.*

***(iv) Depreciation for generation and transmission assets shall be calculated annually as per straight-line method over the useful life of the asset at the rate of depreciation specified by the Central Electricity Regulatory Commission from time to time.***

*Provided that the total depreciation during the life of the asset shall not exceed 90% of the original cost. Depreciation for distribution and other assets not covered by CERC shall be as per Government of India norms of 1994 as may be revised by the Commission from time to time"*

The Commission has considered the depreciation rates as specified in the **CERC (Terms and Conditions of Tariff) Regulations, 2014:**

**Table 56: Depreciation rates**

Description	Rate
Plant & Machinery	5.28%
Buildings	3.34%
Vehicles	9.50%
Furniture & Fixtures	6.33%
Computers & Others	15.00%
Land	0.00%

The GFA addition for the years has been taken as determined in the previous sections. Accordingly, the Commission has determined the depreciation as mentioned in the next page:

**Table 57: Depreciation approved for FY 2017-18 (Figures in Rs. Crores)**

S.No.	Particulars	Rate of depreciation	Opening GFA	Addition	Deletion	Closing GFA	Depreciation
1	P&M	5.28%	222.01	0.00	0.00	222.01	11.72
2	Buildings	3.34%	2.42	0.00	0.00	2.42	0.08
3	Vehicles	9.50%	0.00	0.00	0.00	0.00	0.00
4	Furniture & Fixtures	6.33%	0.08	0.00	0.00	0.08	0.01
5	Computers and Others	15.00%	0.00	0.00	0.00	0.00	0.00
6	Land	0.00%	5.21	0.00	0.00	5.21	0.00
	<b>Total</b>	<b>5.15%</b>	<b>229.72</b>	<b>0.00</b>	<b>0.00</b>	<b>229.72</b>	<b>11.81</b>

**Table 58: Depreciation approved for FY 2018-19 (Figures in Rs. Crores)**

S.No.	Particulars	Rate of depreciation	Opening GFA	Addition	Deletion	Closing GFA	Depreciation
1	P&M	5.28%	222.01	23.85	0.00	245.86	12.35
2	Buildings	3.34%	2.42	0.00	0.00	2.42	0.08
3	Vehicles	9.50%	0.00	0.00	0.00	0.00	0.00
4	Furniture & Fixtures	6.33%	0.08	0.00	0.00	0.08	0.01
5	Computers and Others	15.00%	0.00	0.00	0.00	0.00	0.00
6	Land	0.00%	5.21	0.00	0.00	5.21	0.00
	<b>Total</b>	<b>5.15%</b>	<b>229.72</b>	<b>23.85</b>	<b>0.00</b>	<b>253.57</b>	<b>12.44</b>

**Table 59: Approved Depreciation summary vis-à-vis Petitioner's submission (Figures in Rs Crore)**

Particulars	FY 2017-18	FY 2017-18	FY 2018-19	FY 2017-18	FY 2018-19
	Approved in Tariff Order dated 19.04.2017	Petitioner's Revised estimate	Petitioner's Projection	Now Approved	Now Approved
Depreciation	12.44	11.91	12.54	11.81	12.44

### 3.7. Interest and Finance Charges

#### Petitioner's submission

The Petitioner has submitted that assets capitalised during FY 2017-18 and FY 2018-19 have been considered based on normative debt-equity ratio of 70:30 as per the JERC (Terms and Conditions for Determination of Tariff) Regulations, 2009.

ED-DNH has considered normative debt on the assets created after FY 2013-14. The Interest rate of 14.05% has been considered for computation of interest cost for long-term loans which is similar to the prevailing SBI Prime Lending Rate. Details of the loan amounts and interest cost computed for FY 2017-18 and FY 2018-19 are summarised as follows:

**Table 60: Interest and Finance charges claimed (Figures in Rs. Crores)**

Particulars	FY 2017-18	FY 2017-18	FY 2018-19
	Approved in Tariff Order dated 19.04.2017	Petitioner's Revised estimate	Petitioner's Projection
Opening Loan	60.22	46.63	37.51
Addition in Loan (70% of Asset Capitalisation)	-	2.80	13.90



Particulars	FY 2017-18	FY 2017-18	FY 2018-19
	Approved in Tariff Order dated 19.04.2017	Petitioner's Revised estimate	Petitioner's Projection
Repayment of Loan (equal to depreciation)	12.44	11.91	12.54
Closing Loan	47.76	37.51	38.87
Interest Rate on Loan	14.00%	14.05%	14.05%
<b>Interest Cost on Avg. Loans</b>	<b>7.56</b>	<b>5.91</b>	<b>5.37</b>

### Commission's analysis:

The Commission has relied on the reasons detailed in section 3.3 (Capital Structure) to determine the normative loans and corresponding interest and finance charges.

The Petitioner in the Technical Validation Session (TVS) submitted that the entire capitalisation during the years FY 2014-15, FY 2015-16 and FY 2016-17 has been funded by Petitioner's equity and no loan has been taken against any of the capitalised assets.

As per the JERC Tariff Regulations, 2009, if the equity actually deployed is more than 30% of the capital cost, then equity in excess of 30% would be considered as normative loan. Actual loan or normative loan, if any, shall be referred to as gross normative loan. The Commission for the purpose of funding of the capitalisation has considered the normative debt equity ratio of 70:30. Repayment has been considered equivalent to depreciation allowed during the year.

The Commission in its previous Tariff Orders approved the interest on long term loans equivalent to SBI PLR for the respective year. In absence of any actual loan borrowed by the Petitioner, the interest rate has been considered equivalent to SBI PLR for the respective year.

The following table provides the interest and finance charges approved by the Commission.

**Table 61: Interest and Finance charges approved (Figures in Rs. Crores)**

Particulars	FY 2017-18	FY 2017-18	FY 2018-19	FY 2017-18	FY 2018-19
	Approved in Tariff Order dated 19.04.2017	Petitioner's Revised estimate	Petitioner's Projection	Now Approved	Now Approved
Opening Loan	60.22	46.63	37.51	47.85	36.04
Addition in Loan (70% of Asset Capitalisation)	-	2.80	13.90	0.00	16.70
Repayment of Loan (equal to depreciation)	12.44	11.91	12.54	11.81	12.44
Closing Loan	47.76	37.51	38.87	36.04	40.30
Interest Rate on Loan	14.00%	14.05%	14.05%	13.85%	13.40%
<b>Interest Cost on Avg. Loans</b>	<b>7.56</b>	<b>5.91</b>	<b>5.37</b>	<b>5.81</b>	<b>5.11</b>

### 3.8. Interest on Working Capital

#### Petitioner's submission

The Petitioner submitted that interest on working capital has been calculated based on the normative principles outlined by the JERC Tariff Regulations, 2009, as specified in the next page:



**Table 62: Interest on working capital claimed (Figures in Rs. Crores)**

Particulars	FY 2017-18	FY 2017-18	FY 2018-19
	Approved in Tariff Order dated 19.04.2017	Petitioner's Revised estimate	Petitioner's Projection
Receivables equivalent to two months of receivables	2.42	5.04	5.16
Maintenance spares @15% of Operation and Maintenance expenses	0.44	0.95	0.96
Operation and Maintenance expenses for one month	0.25	0.53	0.54
Total Working Capital Requirement	3.11	6.52	6.67
Rate of Interest(%) –SBI Base Rate	14.00%	14.05%	14.05%
<b>Interest on Working Capital</b>	<b>0.43</b>	<b>0.92</b>	<b>0.94</b>

**Commission's analysis:**

**Regulation 29 of the JERC Tariff Regulations, 2009** states the following with regard to interest on working capital calculation:

*“(1) For generation and transmission business, the working capital shall be as per CERC norms.*

...

*(4) The rate of interest on working capital shall be equal to the **short term Prime Lending Rate** of State Bank of India on the 1st April of the relevant financial year. The interest on working capital shall be payable on normative basis notwithstanding that the generating company / licensee has not taken working capital loan from any outside agency or has exceeded the working capital loan amount worked out on the normative figures.”*

Further, **Regulation 29 of the CERC (Terms and Conditions of Tariff) Regulations, 2014** specifies:

*“(c) Hydro generating station including pumped storage hydro-electric generating station and transmission system including communication system:*

- i. Receivables equivalent to two months of fixed cost;*
- ii. Maintenance spares @ 15% of operation and maintenance expenses specified in regulation 29; and*
- iii. Operation and maintenance expenses for one month.”*

The Commission has thus relied on the above mentioned regulations to determine the interest on working capital:

**Table 63: Interest on working capital approved (Figures in Rs. Crores)**

Particulars	FY 2017-18	FY 2017-18	FY 2018-19	FY 2017-18	FY 2018-19
	Approved in Tariff Order dated 19.04.2017	Petitioner's Revised estimate	Petitioner's Projection	Now Approved	Now Approved
Receivables equivalent to two months of receivables	2.42	5.04	5.16	4.70	4.79
Maintenance spares @15% of Operation and Maintenance expenses	0.44	0.95	0.96	0.70	0.71
Operation and Maintenance expenses for one month	0.25	0.53	0.54	0.39	0.40
Total Working Capital Requirement	3.11	6.52	6.67	5.79	5.90
Rate of Interest(%) –SBI Base Rate	14.00%	14.05%	14.05%	13.85%	13.40%
<b>Interest on Working Capital</b>	<b>0.43</b>	<b>0.92</b>	<b>0.94</b>	<b>0.80</b>	<b>0.79</b>

**3.9. Return on Equity (RoE)****Petitioner's submission**

The Petitioner submitted the RoE in accordance with the CERC MYT Regulations, 2014 and RoE is computed on 30% of the capital base. An RoE rate of 15.50% has been considered as specified by the CERC MYT Regulations, 2014.

A normative debt-equity ratio of 70:30 is considered for the assets added over the years as per the JERC Tariff Regulations, 2009.

**Table 64: Return on equity approved (Figures in Rs. Crores)**

Particulars	FY 2017-18	FY 2017-18	FY 2018-19
	Approved in Tariff Order dated 19.04.2017	Petitioner's Revised estimate	Petitioner's Projection
Opening Equity	36.61	33.02	34.22
Additions on account of new capitalisation	-	1.20	5.96
Closing Equity	36.61	34.22	40.18
Average Equity	36.61	33.62	37.20
Return on Equity (%)	15.50%	15.50%	15.50%
<b>Return on Equity</b>	<b>5.67</b>	<b>5.21</b>	<b>5.77</b>

**Commission's analysis:**

**Regulation 24 (1) of the JERC Tariff Regulations, 2009 states the following:**

*"(1) Subject to the proviso to Regulation 23(2), Return on Equity shall be computed on the paid up equity capital determined in accordance with Regulation 23 and shall be guided by the Central Electricity Regulatory Commission (Terms and Conditions of Tariff) Regulations, 2004 as amended by the CERC from time to time. The same principles will apply for distribution business also as far as possible."*

**Regulation 23 (1) of the JERC tariff Regulations, 2009 specifies:**

*"for the purpose of determination of tariff, debt equity ratio in case of existing and ongoing as well as new projects commencing after the date of notification of these regulations shall be 70:30".*

As per the CERC Regulations 2014, Return on Equity shall be considered at 15.50% for transmission business.

As mentioned above, the complete asset capitalisation during the year has been funded by equity, the Commission for purpose of equity addition during the year has limited it to 30% of total capitalisation as prescribed in the regulations. The RoE has been calculated on the average of opening and closing of equity during the year at 15.50%. The following table provides the return on equity approved for the year:

**Table 65: Return on equity approved (Figures in Rs. Crores)**

Particulars	FY 2017-18	FY 2017-18	FY 2018-19	FY 2017-18	FY 2018-19
	Approved in Tariff Order dated 19.04.2017	Petitioner's Revised estimate	Petitioner's Projection	Now Approved	Now Approved
Opening Equity	36.61	33.02	34.22	33.02	33.02
Additions on account of new capitalisation	-	1.20	5.96	0.00	7.16
Closing Equity	36.61	34.22	40.18	33.02	40.18
Average Equity	36.61	33.62	37.20	33.02	36.60
Return on Equity (%)	15.50%	15.50%	15.50%	15.50%	15.50%
<b>Return on Equity</b>	<b>5.67</b>	<b>5.21</b>	<b>5.77</b>	<b>5.12</b>	<b>5.67</b>

### 3.10. Non-Tariff Income

#### Petitioner's submission

The Petitioner submitted that ED DNH is doing the O&M work of the 220 kV bays of PGCIL. The revenue earned by the Electricity Department, Transmission Division for doing the O&M work has been included in the non-tariff income.

For estimating the Non-Tariff Income for FY 2017-18, the actual non-tariff income during the first six months has been considered and the non-tariff income for the remaining six months has been estimated based on it. An increase of 5% p.a. has been considered over the estimated non-tariff income of FY 2017-18 (revised estimate) to project the non-tariff income for the FY 2018-19.

#### Commission's analysis

**Regulation 4.1 (3) of the JERC (Connectivity and Open Access in Intra-State Transmission and Distribution) Regulations, 2017** states:

*"The charges collected from the Short-term Open Access Consumers shall be adjusted towards reduction in the charges payable by the Long-term and Medium-term Open Access Consumers. In case of any conflict between this provision and a similar provision in the Multi-year Tariff Regulations, the provision contained in the Multi-year Tariff Regulations shall prevail."*

The Commission during the TVS asked the Petitioner about the treatment made by the Petitioner with Non-Tariff income in general and the Short Term Open Access (STOA) charges in particular.

The Petitioner submitted that the STOA charges are collected by DNHPDCL and out of the amount collected, 25% of the charges is passed on to ED-DNH, while the rest 75% is retained by DNHPDCL.

The Commission notes that this practice is not in accordance with the JERC Open Access Regulation, 2017.

**Therefore, the Commission directs the Petitioner to ensure the compliance with JERC Open Access Regulations, 2017 with immediate effect and submit the details of compliance in its subsequent Petitions.**

The Commission notes the revenue earned on O&M works for 220 KV bays of PGCIL. The NTI approved now approved by the Commission is shown in the table below:

**Table 66: NTI Approved (Figures in Rs. Crores)**

Particulars	FY 2017-18	FY 2018-19	FY 2017-18	FY 2018-19
	Petitioner's Revised estimate	Petitioner's Projection	Now Approved	Now Approved
Non-tariff income	0.05	0.05	0.0500*	0.0525*

\*Does not include STOA charges

### 3.11. Annual Revenue Requirement (ARR)

#### Petitioner's submission

Based on the expenses as above, the Petitioner submitted the net annual revenue requirement for FY 2017-18 and FY 2018-19.

#### Commission's analysis

On the basis of the analysis of all the cost parameters of the ARR, the Commission has considered and approved the revenue requirement for FY 2017-18 and FY 2018-19 as mentioned in the next page:

**Table 67: APR for FY 2017-18 and ARR for FY 2018-19 (Figures in Rs. Crores)**

Particulars	APR for FY 2017-18			ARR for FY 2018-19		
	Approved in Tariff Order dated 19.04.2017	Submitted	Now approved	Approved	Submitted	Now approved
O&M Expense	2.96	6.34	4.69	NA	6.43	4.76
Depreciation	12.44	11.91	11.81		12.54	12.44
Interest Cost on Long Term Capital Loans	7.56	5.91	5.81		5.37	5.11
Interest on Working Capital Loans	0.43	0.92	0.80		0.94	0.79
Return on Equity	5.67	5.21	5.12		5.77	5.67
<b>Total Revenue Requirement</b>	<b>29.06</b>	<b>30.29</b>	<b>28.22</b>		<b>31.04</b>	<b>28.77</b>
Less: Non-Tariff Income	0.05	0.05	0.05		0.05	0.05
<b>Net Revenue Requirement</b>	<b>29.01</b>	<b>30.24</b>	<b>28.17</b>		<b>30.99</b>	<b>28.72</b>
<b>Add : True up of previous years including carrying cost</b>	-	-	-		-	<b>14.13</b>
<b>Net Revenue Requirement</b>	<b>29.01</b>	<b>30.24</b>	<b>28.17</b>		<b>30.99</b>	<b>42.84</b>

# 4. Chapter 4: Transmission Tariff for FY 2018-19

## 4.1. Transmission capacity of system

The transmission system capacity is the contracted capacity made available to the beneficiary during the given period. The present capacity of Kharadpada substation and Khadoli substation is 509.60 MW and 470.40 MW respectively. The contracted transmission capacity of the system is as under:

**Table 68: Transmission capacity submitted (MW)**

Tariff Determination	FY 2017-18	FY 2018-19
Transmission Capacity (MW)	980.00	980.00

Further, as per the WRLDC allocation share and the submissions made by ED DNH and DNHPDCL the Weighted Average Allocation for FY 2018-19 is as follows:

**Table 69: Weighted Average Capacity Allocation (MW)**

Details of the stations	Allocated share	Commisioned Capacity (MW)	Weighted average total allocation
<b>NTPC</b>			
KSTPS	2.56%	2,100.00	53.76
KSTPS 3	4.82%	500.00	24.10
VSTPP-I	3.47%	1,260.00	43.72
VSTPP-II	3.33%	1,000.00	33.30
VSTPP- III	3.53%	1,000.00	35.30
VSTPP- IV	4.66%	1,000.00	46.60
KGPP	12.38%	656.20	81.24
GGPP	8.94%	657.39	58.77
Sipat-I	4.58%	1,980.00	90.68
Sipat-II	3.09%	1,000.00	30.90
Mauda / MSTPS	4.68%	1,000.00	46.80
VSTPS-V	5.16%	500.00	25.80
Mauda 2/ MST 2	4.75%	1,320.00	62.70
SLP	5.61%	660.00	37.03
KHSTPP-II	0.20%	1,500.00	3.00
<b>Subtotal - NTPC</b>		<b>16,133.59</b>	<b>673.70</b>
<b>NSPCL Bhillai</b>	<b>21.28%</b>	<b>500.00</b>	<b>106.40</b>
<b>NPCIL</b>			
KAPS	3.84%	440.00	16.90
TAPS	4.03%	1,080.00	43.52
<b>Subtotal</b>		<b>1,520.00</b>	<b>60.42</b>
<b>Others</b>			
RGPPL	2.00%	1,967.08	39.34
EMCO Energy Ltd. (GMR Group)	33.33%	600.00	199.98
<b>Subtotal</b>		<b>2,567.08</b>	<b>239.32</b>
<b>Total</b>			<b>1,079.84</b>

Therefore, the Commission approves the projected capacity of the transmission system as 980 MW for the FY 2018-19.

#### **4.2. Tariff Determination**

As per **Regulation 4.1 of the JERC (Connectivity and Open Access in Intra-State Transmission and Distribution) Regulations, 2017**, the open access charges payable are calculated as:

*“An Open Access Consumer using the Intra-State Transmission System, shall pay transmission charges to the State Transmission Utility or the Intra-State Transmission Licensee other than the State Transmission Utility for usage of their system as determined by the Commission in the Tariff Order from time to time:*

*Provided that transmission charges shall be payable on the basis of contracted capacity in case of Long-term and Medium-term Open Access Consumers and on the basis of scheduled load in case of Short-term Open Access Consumers. For Open Access for a part of a Day, the transmission charges shall be payable as under*

...

***More than twelve (12) hours and upto twenty-four (24) hours in a Day in one (1) block: equal to Long-term and Medium-term users***

...

*Provided further that where a dedicated Transmission System has been constructed for the exclusive use of or is being used exclusively by an Open Access Consumer, **the transmission charges for such dedicated system shall be worked out by Intra-State Transmission Licensee and got approved by the Commission. These charges shall be borne entirely by such Open Access Consumer till such time the surplus capacity is allotted and used for by other Open Access Consumers or other purposes, after which these transmission charges for such dedicated system shall be shared in the ratio of allotted capacities**”*

Calculation of power transmission charges is based only on the allocation/ contracted capacity from various sources that is transmitted by the transmission system to the beneficiary (DNHPDCL) – sole long term open access beneficiary.

The STOA charges (More than twelve (12) hours and up to twenty-four (24) hours in a Day in one (1) block) are determined in the same fashion as the long term open access charges as per aforementioned regulation.

The Commission has approved the transmission capacity of 980 MW (section 4.1 above) and computed the transmission charges for the FY 2018-19 as per the table below:

**Table 70: Tariff Determination**

Particulars	FY 2017-18	FY 2018-19
<b>Aggregate revenue requirement (Rs. Crore)</b>	<b>28.17</b>	<b>42.84</b>
Transmission Capacity (MW)	980.00	980.00
Long/Medium Term Transmission charges (Rs./MW/Day)	787.81	1197.93
Short Term Open Access Transmission charges (Rs./MW/Day)*	196.95	1197.93

\*The Short Term Open Access Transmission charges for FY 2017-18 are governed by JERC (Connectivity and Open Access in Intra-State Transmission and Distribution) Regulations, 2009.

## 5. Chapter 5: Directives

The Commission in its previous Orders had issued a number of specific directives to ED-DNH with the 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 Petitioner's compliance with the Commission's directives and Commission's views thereon as well as the summary of new directives for compliance and implementation by the ED-DNH.

### **Directive 1: Submission of audited annual accounts along with the true up Petitions for the FY 14-15 onwards.**

**Originally issued in Tariff Order dated 30th March 2015 and carried forward to the Tariff Order dated 19th April 2017**

The Petitioner was directed to submit the Transmission True up Petition of FY 2014-15 along with annual audited accounts of FY 2013-14 & FY 2014-15 with the ARR Tariff Petition of FY 2017-18.

#### **Petitioner's response in present Tariff Petition**

The Electricity Department, Transmission Division has submitted the True-up Petition of FY 2014-15 along with audited accounts for the FY 2013-14 and FY 2014-15. Further, the Department has also submitted the True-up Petitions for the FY 2015-16 and FY 2016-17 along with the Annual Performance Review of FY 2017-18 and the ARR and Transmission Tariff Petition for the FY 2018-19.

#### **Commission's response**

**The Commission notes the submission and directs the Petitioner to ensure timely preparation of audited accounts and consequent submission to the Commission in subsequent Petitions.**

### **Directive 2: Functioning of SLDC.**

**Originally issued in Tariff Order dated 30th March 2015 and carried forward to the Tariff Order dated 19th April 2017**

The Petitioner has submitted that the SLDC is already operational and an Assistant Engineer of the DNHPDCL has been appointed as the nodal officer of the SLDC. The scheduling of power is being done on a day to day basis.

However, as per the provisions of Grid Code Regulations 2010:

*“(3)(a) Establishment of SLDC: The State Government of Goa and the Appropriate Governments in respect of Union Territories of Andaman & Nicobar Islands, Chandigarh, Dadra & Nagar Haveli, Daman & Diu, Lakshadweep and Puducherry shall establish a centre to be known as the State Load Dispatch Centre (SLDC) in the State of Goa and in the Union Territories. The State Load Dispatch Centre shall be operated by a Government company or any Authority or Corporation established or constituted by or under any State Act, as may be notified by Appropriate Government. Until a Government company or any authority or corporation is notified by the Appropriate Government, the State Transmission Utility shall operate the State Load Dispatch Centre.*

*b) Functions of SLDC: State Load Dispatch Centre shall discharge the functions as stipulated under Sections 32 (2) and 33 of the Act.*

*(c) Manning of SLDC:*

*i) SLDC shall be manned by qualified and experienced Engineers who are well acquainted with State Transmission System and grid operation.*

*ii) Periodical Training shall be imparted to the personnel of the State Load Dispatch Centre to update their skills in order to enable them to discharge their functions stipulated under Section 32 (2) & 33 of the Act”*

In presence of provisions of Electricity Act 2003 and already laid down sector specific guidelines, the operations of SLDC should not be entrusted with the distribution company (DNHPDCL).

So, the Commission directs to the Petitioner to comply the following points:



- To establish an independent SLDC for DNH.
- To segregate the accounts of SLDC business and transmission business.
- Filing separate ARR Petitions for SLDC and transmission business compulsorily from FY 17-18 onwards.

The compliance status report of above directive should be submitted to Commission within the next six months of issuance of this Order.

#### **Petitioner's response in present Tariff Petition**

The Electricity Department, Transmission Division has submitted that an independent SLDC has been established within DNHPDCL and that it is functioning independently. The personnel have been deployed from Electricity Department Transmission Division to run the daily operations of the SLDC. The Electricity Department Transmission Division is in the process of segregating the accounts of SLDC business and the transmission business.

#### **Commission's response**

The Commission has noted that the Petitioner has not complied with this directive as per the intent and spirit of the Act and Regulations framed thereunder. The Commission reiterates that in presence of provisions of Electricity Act 2003 and already laid down sector specific guidelines, the operations of SLDC should not be entrusted with the distribution company (DNHPDCL).

Hence, the Commission takes a serious note and reiterates its directions with the following points:

- To establish an independent SLDC for DNH.
- To segregate the accounts of SLDC business and transmission business.
- To file separate ARR Petitions for SLDC and transmission business compulsorily from FY 2018-19 onwards.

**Till the operational and financial segregation of SLDC is complete, the Commission directs the Petitioner to undertake necessary actions to take over operations of the SLDC from DNHPDCL within the next 3 months and report the compliance to the Commission.**

### **Directive 3: Submission of feasibility study of transmission ring main system.**

#### **Originally issued in Tariff Order dated 31st March 2016 and carried forward to the Tariff Order dated 19th April 2017**

The Petitioner is directed to submit a feasibility study report for installation of ring main system along with other reliability improvement provisions in order to increase transmission network reliability.

#### **Petitioner's response in present Tariff Petition**

The Petitioner submitted that the feasibility report has been submitted with this Petition as Annexure III.

#### **Commission's response**

The Commission notes that the Petitioner has only shared the Minutes of Meeting of the meeting undertaken to discuss the issue. **The Commission directs the Petitioner to submit the final feasibility study report as well as the implementation plan of the results of the report.**

### **Directive 4: Submission of O&M allocation methodology.**

#### **Originally issued in Tariff Order dated 31st March 2016**

The Petitioner is directed to submit basis of O&M allocation between transmission & distribution function (if any). The submission of organization structure and designation hierarchy is also desired, in order to reconcile the O&M expense allocation.

#### **Originally issued in Tariff Order dated 19th April 2017**

The Commission observes that the Petitioner is yet to submit the allocation methodology. While DNHPDCL has provided audited accounts to validate their O&M costs, the Petitioner is yet to submit the audited accounts

for their licensed business. The Commission directs the Petitioner to submit the audited accounts for the previous years along with the next tariff filing. In case of further non-compliance, the Commission will be constrained to take appropriate action against the Petitioner.

**Petitioner's response in present Tariff Petition**

The Petitioner submitted that the audited accounts for the previous years have been submitted along with this Petition as Annexure I

**Commission's response**

The Commission has noted the compliance **and it directs the Petitioner to ensure timely preparation of audited accounts and consequent submission to the Commission in subsequent Petitions.**

**Directive 5: D N & H Transmission Infrastructure data.**

**Originally issued in Tariff Order dated 31st March 2016 and carried forward to the Tariff Order dated 19th April 2017**

The Petitioner is directed to submit the number of transformers with ratings, transmission bays, transformation capacity (MVA) and transmission circuit-Km details with the ARR Tariff Petition of FY 2017-18.

**Petitioner's response in present Tariff Petition**

The Petitioner submitted that the Electricity Department Transmission Division shall comply with the regulation to follow CERC regulation for estimating O&M expenses. The Petitioner also submitted that the transmission infrastructure has been submitted with this Petition as Annexure IV.

**Commission's response**

The Commission has noted the submission of the Petitioner

**Directive 6: D N & H Transmission Availability data.**

**Originally issued in Tariff Order dated 31st March 2016 and carried forward to the Tariff Order dated 19th April 2017**

The Petitioner is directed to submit the transmission line and system availability data of FY 2014-15 and FY 2015-16 with the ARR Tariff Petition of FY 2017-18.

**Petitioner's response in present Tariff Petition**

The Petitioner submitted that the report on transmission system availability has been submitted along with this Petition as Annexure V.

**Commission's response**

The Commission has noted the submission of the Petitioner

# 6. Chapter 6

## Annexure 1-Public notices published by the Petitioner

Page - 7  
 Saturday 23, December 2017  
**દામણગંગા ટાઇમ્સ**  
**DAMANGANGA TIMES**

સંઘ પ્રદેશ  
 દાદરા અને નગર હવેલી  
 વિદ્યુત વિભાગ  
 પ્રસારણ ડિવિઝન,  
 સેલવાસ

નંબર: ડીએનએચ/ઈએલઈ/પ્રસા./2017/224/468 તા: 21/12/2017  
**જાહેર નોટિસ**

**જોઈન્ટ ઇલેક્ટ્રીસિટી રેગ્યુલેટરી કમિશન (JERC) સમક્ષ નાણાકીય વર્ષ 2018-19 માટે ARR નક્કી કરવા અને દર સુધારણા દરખાસ્તની જાહેરાત**  
**પૂર્વ જાણકારી :** વિદ્યુત વિભાગ, પ્રસારણ ડિવિઝન, એ નાણાકીય વર્ષ 2018-19 માટે ARR અરજી અને દર સુધારણા દરખાસ્ત જોઈન્ટ ઇલેક્ટ્રીસિટી રેગ્યુલેટરી કમિશન (JERC) સમક્ષ ઇલેક્ટ્રીસિટી એક્ટ, 2003ની સેક્શન 62,63 અને 64 પ્રમાણે અરજી JERC (Conduct Business) નિયમો, 2009 અને JERC (Multi Year Distribution Tariff) નિયમો, 2014 અનુસાર દાખલ કરેલી છે.  
 ARR ની સૂચિત દરખાસ્ત નીચે પ્રમાણે છે.  
 2. સરેરાશ આવક જરૂરીયાત (ARR) નાણાં વર્ષ 2018-19 માટે અનુમાનિત અને નાણાં વર્ષ 2017-18 માટે સુધારેલ અંદાજ નીચે પ્રમાણે આપેલ છે.

વિગતો	નાણા વર્ષ 2017-18 RE	નાણા વર્ષ 2018-19 Projected
ઓ & એમ ખર્ચ	6.34	6.43
ઘસારો	11.91	12.54
લાંબા ગાડાની લોનનું વ્યાજ	5.91	5.37
કાર્યકારી મુડી પર લોનનું વ્યાજ	0.92	0.94
ઇકવીટી પર વડતર	5.21	5.77
કુલ :	30.29	31.04
બાદ :		
શુલ્ક સિવાયની આવક	0.05	0.05
વાર્ષિક આવકની જરૂરિયાત	30.24	30.99

(રુ. કરોડમાં)

3. નાણાકીય વર્ષ 2014-15 થી 2016-17 માટે વિદ્યુત વિભાગ, પ્રસારણ ડિવિઝનની True-Up ની સમ્બંધિત વર્ષના રુ. 46.77 કરોડ.

4. નાણાકીય વર્ષ 2018-19 નો સૂચિત ટ્રાન્સમિશન ટેરિક નીચે મુજબ છે.

ટેરિક નિર્ધારણ	નાણાકીય વર્ષ 2018-19
એકંદર આવકની જરૂરિયાત (રુ. કરોડમાં)	30.99
ટ્રાન્સમિશન ક્ષમતા (MW)	980
પરિધીમાં જરૂરી ઉર્જા	6475.44
લાંબા/મધ્યમ ટ્રમ ટ્રાન્સમિશન ચાર્જ (રુપયા/મેગાવોટ/દિવસ)	878.38
શોર્ટ ટર્મ ટ્રાન્સમિશન ચાર્જ (રુપયા/મેગાવોટ/દિવસ)	219.60

5. પેરા નંબર 1 માં બતાવેલ અરજીની નકલો કાર્યપાલક ઇંજનેર, વિદ્યુત વિભાગ, ટ્રાન્સમિશન ડિવિઝન, સેલવાસની કચેરી પર પ્રાપ્ય છે.  
 6. રસ પરાવતી વ્યક્તિઓ/સંસ્થાઓ ઉપરોક્ત ARR કચેરીના સમય દરમિયાન જોઈ/તપાસી અને તેની નોંધ કરી શકે છે.  
 7. ઉપરોક્ત દસ્તાવેજો એક સેટના રૂ. 100 લેખે ભરી કચેરી પરથી મેળવી શકશે.  
 8. વિદ્યુત વિભાગ, ટ્રાન્સમિશન ડિવિઝન, દ્વારા કરવામાં આવેલી નાણાકીય વર્ષ 2018-19 માટે કરવામાં આવેલી ટૂ-અપ અરજી બાબત જો કોઈ વાંધો/સુચનો હોય તો, જરૂરી સામગ્રી સાથે જોઈન્ટ ઇલેક્ટ્રીસિટી રેગ્યુલેટરી કમિશન (JERC), બીજો માળ, HSHDC કોમ્પ્લેક્સ, ઉદ્યોગ વિહાર, ફેસ-5, ગુડગાંવ (હરિયાણા) છ નકલ સાથે રૂબરૂ કે રજી. પોસ્ટ દ્વારા મોકલી શકે છે. વાંધાઓ/સુચનો વિદ્યુત વિભાગ, ટ્રાન્સમિશન ડિવિઝનને પણ જણાવવા જોઈએ.  
 9. વાંધો/સુચનો ઉપર જણાવ્યા પ્રમાણે છ નકલમાં અને મોકલનારના પુરા નામ સરનામા સાથે અને સોગંદનામા સાથે મોકલી શકે છે. જો અરજી સંસ્થા કે વપરાશકર્તાના સમૂહ વતી કરવામાં આવતી હોય તો તે જણાવવી. ખાસ એ પણ જણાવવું કે જો વ્યક્તિ વાંધાઓ/સુચનો આપે છે તેને રૂબરૂમાં સાંભળવામાં આવશે.  
 10. આ નોટીસના જવાબમાં મળેલ લખેલા વાંધાઓની ધ્યાનથી ચકાસણી કરી, વાંધા લેનારને નિપત તારીખે (જેની જાણ અગાઉથી કરવામાં આવશે) બોલાવવામાં આવશે. જોઈન્ટ ઇલેક્ટ્રીસિટી રેગ્યુલેટરી કમિશન (JERC) ની જાહેર સુનાવણીની તારીખ કમિશન દ્વારા જણાવવામાં આવશે.

નં.આઈ.પી./દાનહ/462/2017  
 સેલવાસ તા.22/12/2017

કાર્યપાલક ઇંજનેર  
 વિદ્યુત વિભાગ, ટ્રાન્સમિશન ડિવિઝન,  
 દાદરા અને નગર હવેલી,  
 સેલવાસ



WWW.INDIANEXPRESS.COM  
THE INDIAN EXPRESS, MONDAY, JANUARY 8, 2018

NETWORK 7

# In poll-bound Tripura Shah calls for change

SAMUDRA DUPTA  
KASHYAP  
GURUKHETI, JANUARY 7

**BJP NATIONAL** president Amit Shah on Sunday accused the Left Front government of Manipal of "injustice" in Tripura of "injustice".



BJP chief Amit Shah in Ambassa, Tripura, on Sunday.

Saying the situation in the state has gone from bad to worse and asked the people to vote for the BJP in the coming elections to bring about change in their lives.

"The situation in Tripura has gone from bad to worse in the last 25 years of Communist misrule. The Communists have unleashed poverty and unemployment, wherever and whenever they are in power. The people of the state are desperately looking for a change and want development, which can be delivered only by a BJP government," Shah, who addressed a well-attended rally at Ambassa and Udaipur in Tripura on Sunday, said.

Tripura, along with two other Northeastern states, Nagaland and Meghalaya, are heading for Assembly elections in March.

While Tripura has been under Left Front rule since 1960, Nagaland has the Naga People's Front (NPF), a BJP ally, in office for the past 15 years. In Meghalaya, on the other hand, the Congress is heading a government with the support of Independents.

Shah ridiculed the Left Front

government in both rallies and said: "The situation in Tripura has deteriorated so much that I wonder if Manik Sarkar's government did any work at all for as many years! The countdown for Manik Sarkar has begun. Soon, the BJP will form a government and fulfil the aspirations of the people in Tripura."

He mentioned about problems faced by state government employees, unemployed youth, daily-wage labourers and women who constitute the bulk of voters in the election-bound state and promised that the BJP would provide 7th Pay Commission equivalent salaries to government employees and double the minimum daily wages. "State government employees in Tripura are getting the 4th Pay

Commission (say that they will Commission about BJP government

"The people 25 years so our mothers, and 20 Sarkar. But in real never give 24 people good health size that expect, women, right part and a good low-salaries," Shah said.

Asking the charged Left change his party was not about changing the or the set of MLAs. to do is bring about changes in the in Tripura's state chie

# BJP did injustice to Lalu, says Akhilesh

PRESS TRUST OF INDIA  
LUCKNOW, JANUARY 7

EXPRESSING SOLIDARITY with jailed BJP chief Lalu Prasad, Samajwadi Party supremo Akhilesh Yadav said on Sunday that the "BJP did injustice" to him.

"The BJP did injustice to him," he said when reporters asked him about Prasad's sentence in the fodder scam.

SP national general-secretary Ramasankar Vidyarthi said in Raika that Prasad was facing consequences for not joining the BJP bandwagon.

"He is being trapped in a conspiracy by the BJP. Had he joined the BJP, he would not have to suffer jail sentence," he said, adding,

"I am sure he will get justice from High Court".

He said it was the need of the hour that all opposition parties unite to defeat the BJP.

Prasad was on Saturday sentenced to three-and-a-half years in jail and fined Rs 30 lakh by a special CBI court in Ranchi in a fodder scam case relating to fraudulent withdrawal of Rs 85.27 lakh from the Dughaer treasury 21 years ago.

The prosecution was handed down to Prasad, 65, by CBI court judge Shiv Pal Singh through videoconferencing after the BJP leader was lodged in Bina Munda Central Jail after being convicted in the case on December 23. CBI counsel Rakesh Prasad said.

# Boycott attendance diktat: JNUSU.

New Delhi: The Jawaharlal Nehru University Students' Union has asked students to "boycott" the administration's decision to take mandatory attendance of all its regular students, including re-

search scholars, when the university reopens Monday. The union has said it will not sign attendance registers. The union will ask the V-C to revoke the decision, PMS



**Joint Electricity Regulatory Commission**  
(for The State of Goa and Union Territory of Dadra & Nagar Haveli)  
2nd Floor, HSBDC Office Complex, Pargal Road, Campal, Vasco  
Dadra, P.O. No. 2, Vasco da Gama, P.O. No. 2, Dadra, P.O. No. 2, Dadra  
Tel: 022-2222222, E-mail: [regulatory@jeec.gov.in](mailto:regulatory@jeec.gov.in), [www.jeec.gov.in](http://www.jeec.gov.in)

**PUBLIC NOTICE**

Further to the Public Notice published on 24.12.2017 the stakeholders of the JT of Dadra & Nagar Haveli are hereby informed that the JT of Dadra & Nagar Haveli has filed a Petition for approval of the Annual Financial Requirement (AFR) and Self-Financing for FY 2018-19 under Section 61, 62 & 64 of the Electricity Act, 2003 and DRB the Electricity Department, Transmission Division, of Union Territory of Dadra and Nagar Haveli has filed a Petition for approval of the Aggregate Revenue Requirement (ARR) for the FY 2018-19 for the Electricity Department, Transmission Division Union Territory of Dadra and Nagar Haveli under Section 61, 62 & 64 of the Electricity Act, 2003. Both the Petitions have been scheduled as Petitions No. 247/2017 and 258/2017 respectively, and are available on the Commission's website [www.jeec.gov.in](http://www.jeec.gov.in)

The Commission shall hold the Public Hearing on the above Petitions as per the schedule given below:

Case / Pet. / Year	Time	Venue
247/2017 (Wednesday), 2018	11.00 A.M onwards	The President Hall, Yashwantrao Chavan

Sd/-  
**Rakesh Prasad**  
Secretary



**Annexure 2-Public notices published by the Commission**


**Joint Electricity Regulatory Commission**  
(for The State of Goa and Union Territories)  
2nd Floor, HSIIDC Office Complex, Vanijya Nikunj Complex, Udyog Vihar, Phase-V, Gurgaon (Haryana) Ph.: 0124-2342851, 2342852  
Fax: 0124-2342853, E-mail: secy-jerc@nic.in Website: www.jercuts.gov.in

**PUBLIC NOTICE**

1. DNH Power Distribution Corporation Ltd., has filed a Petition for approval of Annual Revenue Requirement (ARR) and Tariff Proposal for FY 2018-19 under Section 61, 62 & 64 of the Electricity Act, 2003. The same has been admitted as Petition No. 247/2017 and is available on the Commission's website [www.jercuts.gov.in](http://www.jercuts.gov.in)
2. Electricity Department, Transmission Division, of Union Territory of Dadra and Nagar Haveli has filed a Petition for approval of Aggregate Revenue Requirement (ARR) for FY 2018-19 for Electricity Department, Transmission Division Union Territory of Dadra and Nagar Haveli under Section 61, 62 & 64 of the Electricity Act, 2003. The same has been admitted as Petition No. 250/2017 and is available on the Commission's website [www.jercuts.gov.in](http://www.jercuts.gov.in)

Interested persons may file objections/suggestions in six copies on the above Petitions in person or through E-mail: [secretaryjerc@gmail.com](mailto:secretaryjerc@gmail.com) or through registered post addressed to **The Secretary, JERC (for Goa & UTs)** to reach on or before **10.01.2018** with a copy to the Chief Engineer, DNH Power Distribution Corporation Ltd., UT of Dadra & Nagar Haveli, Silvassa. (E-mail: [caparmar1956@gmail.com](mailto:caparmar1956@gmail.com)) against Petition No. 247/2017 and Executive Engineer (Transmission), Electricity Department, Transmission Division, of Union Territory of Dadra and Nagar Haveli (E-mail: [hmpatel39@gmail.com](mailto:hmpatel39@gmail.com)) against Petition No. 250/2017.

The Commission shall hold a Public Hearing for both the above stated Petitions on **10th January, 2018 at 11.00 AM, at Silvassa.**

Sd/-  
**(Keerti Tewari)**  
Secretary

*Indira Express*  
*23.12.2017*



**જોઈન્ટ ઈલેક્ટ્રિસિટી રેગ્યુલેટરી કમિશન**  
(ગોવા સ્ટેટ અને કેન્દ્ર શાસિત પ્રદેશ માટે)

બીજા માળા, અગમઅગાઈ આઈ ટી સી ઓફિસ કમ્પ્લેક્સ, વાણિજ્ય નીકુલ કમ્પ્લેક્સ, ઉદ્યોગ વિહાર, ફ્લોપ, મુરગાવ (હરિયાણા) ફોન નં. ૦૧૨૪૨૩૪૨૮૫૧, ૨૩૪૨૮૫૨, ફેક્સ ૦૧૨૪૨૩૪૨૮૫૩. ઈમેલ: secy-jarc@nic.in વેબસાઈટ: www.jercuts.gov.in

**જાહેર નોટીસ**

૧. ડીએનએચ પાવર ડિસ્ટ્રીબ્યુશન કોર્પોરેશન લિ. દ્વારા ઈલેક્ટ્રિસિટી એક્ટ, ૨૦૦૩ ની કલમ ૬૧, ૬૨ અને ૬૪ હેઠળ ના.વ. ૨૦૧૮-૧૯ માટે વાર્ષિક રેવન્યુ રીકવાયરમેન્ટ (એઆરઆર) અને ટેરિફ પ્રપોઝલ મંજૂરી માટે ઘવો ફાઈલ કરવામાં આવેલ છે. જેને પીટીશન નં. ૨૪૭/૨૦૧૭ તરીકે ઘાખલ કરવામાં આવેલ છે અને કમિશન વેબસાઈટ [www.jercuts.gov.in](http://www.jercuts.gov.in) ઉપર ઉપલબ્ધ છે.

૨. ઈલેક્ટ્રિસિટી ડિપાર્ટમેન્ટ, ટ્રાન્સમીશન ડિવિઝન, કેન્દ્રશાસિત પ્રદેશ દ્વારા અને નગર હવેલી દ્વારા ઈલેક્ટ્રિસિટી એક્ટ, ૨૦૦૩ ની કલમ ૬૧, ૬૨ અને ૬૪ હેઠળ ઈલેક્ટ્રિસિટી ડિપાર્ટમેન્ટ, ટ્રાન્સમીશન ડિવિઝન કેન્દ્ર શાસિત પ્રદેશ, દાદરા અને નગર હવેલી માટે ના.વ. ૨૦૧૮-૧૯ સંદર્ભે એગ્રીગેટ રેવન્યુ રીકવાયરમેન્ટ (એઆરઆર) મંજૂરી સંદર્ભે પીટીશન ફાઈલ કરવામાં આવેલ છે, જે પીટીશન નં. ૨૫૦/૨૦૧૭ તરીકે ઘાખલ કરવામાં આવેલ છે અને કમિશન વેબસાઈટ [www.jercuts.gov.in](http://www.jercuts.gov.in) ઉપર ઉપલબ્ધ છે.

રસ ધરાવતા વ્યક્તિઓ ઉપરોક્ત પીટીશનો બાબતે વાંધાઓ/ સૂચનો છ નકલમાં રૂબરૂ અથવા ઈમેલ: [secretaryjerc@gmail.com](mailto:secretaryjerc@gmail.com) અથવા રજિસ્ટર્ડ પોસ્ટથી: ૫ સેક્રેટરી, જર્ક (ગોવા અને કે.શા.પ્ર. માટે) ફાઈલ કરાવી શકે છે. જે તારીખ ૧૦-૧-૨૦૧૮ નાં રોજ કે તે અગાઉ મળી જવા જોઈશે, જેની એક નકલ ચીફ એન્જિનિયર, ડીએનએચ પાવર ડિસ્ટ્રીબ્યુશન કોર્પોરેશન લિ., કે.શા.પ્ર. દાદરા અને નગર હવેલી, સિલ્વાસા (ઈમેલ: [caparmar1956@gmail.com](mailto:caparmar1956@gmail.com)) પીટીશન નં. ૨૪૭/૨૦૧૭ સામે મોકલવાની રહેશે. તેમજ પીટીશન નં. ૨૫૦/૨૦૧૭ સામે એકિઝક્યુટીવ એન્જિનિયર, (ટ્રાન્સમીશન), ઈલેક્ટ્રિસિટી ડિપાર્ટમેન્ટ, ટ્રાન્સમીશન ડિવિઝન, કે.શા.પ્ર. દાદરા અને નગર હવેલી (ઈમેલ: [hmpatel39@gmail.com](mailto:hmpatel39@gmail.com)) ને મોકલવાની રહેશે.

ઉપરોક્ત બંને પીટીશનો માટે કમિશન દ્વારા જાહેર સુનાવણી ૧૦ જાન્યુઆરી, ૨૦૧૮ નાં રોજ સવારે ૧૧.૦૦ વાગે સિલ્વાસા ખાતે રાખવામાં આવશે.

સહી/-  
(કીર્તિ તિવારી)

23.12.17. Gujarat Samachar

COPY





## संयुक्त विद्युत विनियामक आयोग

(गोवा राज्य तथा संघशासित क्षेत्र)

इसरो भवन, एचएसआईआईसी ऑफिस कॉम्प्लेक्स, वाणिज्य विभाग कॉम्प्लेक्स,  
उद्योग विहार, फेज- V, शुद्धांव (हरियाणा) फोन: 0124-2342851, 2342852  
फैक्स: 0124-2342853, ईमेल: secy-jerc@nic.in, वेबसाइट: www.jercut.gov.in

### सार्वजनिक सूचना

1. डीएनएच पावर डिस्ट्रीब्यूशन कॉरपोरेशन लि. ने विद्युत अधिनियम, 2003 की धारा 61, 62 तथा 64 के अधीन वित्त वर्ष 2018-19 हेतु टैरिफ प्रस्ताव तथा एन्युअल रिवेन्यू रिफ़ायरमेंट (एआरआर) की मंजूरी के लिए एक याचिका दाखिल कराई है। इसको याचिका नं. 247/2017 के तौर पर दाखिल किया गया है तथा यह आयोग की वेबसाइट [www.jercuts.gov.in](http://www.jercuts.gov.in) पर उपलब्ध है।
2. दादरा और नगर हवेली संघशासित क्षेत्र के विद्युत विभाग, ट्रांसमिशन डिवीजन ने विद्युत अधिनियम, 2003 की धारा 61, 62 तथा 64 के अधीन वित्त वर्ष 2018-19 के लिए विद्युत विभाग, ट्रांसमिशन डिवीजन, दादरा एवं नगर हवेली संघशासित क्षेत्र के एग्रीगेट रिवेन्यू रिफ़ायरमेंट (एआरआर) की मंजूरी हेतु एक याचिका दाखिल कराई है। इसको याचिका नं. 250/2017 के तौर पर दाखिल किया गया है तथा यह आयोग की वेबसाइट [www.jercuts.gov.in](http://www.jercuts.gov.in) पर उपलब्ध है।


इच्छुक व्यक्तियों/उपरोक्त याचिकाओं पर अपनी आपत्तियां/सुझाव सचिव, संयुक्त विद्युत विनियामक आयोग (गोवा एवं संघशासित क्षेत्र) को सम्बोधित करते हुए छह प्रतियों में व्यक्तिगत रूप से अथवा ई-मेल: [secretaryjerc@gmail.com](mailto:secretaryjerc@gmail.com) अथवा पंजीकृत डाक द्वारा इस प्रकार प्रेषित करें कि 10.01.2018 को अथवा इससे पूर्व पहुंच जाएं तथा एक प्रति याचिका नं. 247/2017 के विरुद्ध मुख्य अभियन्ता, डीएनएच पावर डिस्ट्रीब्यूशन कॉरपोरेशन लि., संघशासित क्षेत्र दादरा एवं नगर हवेली, सिलवासा (ईमेल: [caparmar1956@gmail.com](mailto:caparmar1956@gmail.com)) को तथा याचिका नं. 250/2017 के विरुद्ध कार्यपालक अभियन्ता (ट्रांसमिशन), विद्युत विभाग, ट्रांसमिशन डिवीजन, दादरा एवं नगर हवेली संघशासित क्षेत्र (ई-मेल: [hmpatel139@gmail.com](mailto:hmpatel139@gmail.com)) को प्रेषित करें।

उपरोक्त दोनों याचिकाओं के मामले में आयोग द्वारा सिलवासा में 10 जनवरी, 2018 को पूर्वा. 11.00 बजे एक सार्वजनिक सुनवाई का आयोजन किया जाएगा।

हस्ता./-  
(कीर्ति तिचारी)  
सचिव

NAV BHARAT TIMES  
23.12.17





**Joint Electricity Regulatory Commission**  
 (for The State of Goa and Union Territories)  
 2nd Floor, HSNOC Office Complex, Vaniya Nikunj Complex, Udyog  
 Vihar, Phase-V, Gurgaon (Haryana) Ph.: 0124-2342851, 2342852  
 Fax: 0124-2342853, E-mail: secy.jerc@nic.in Website: www.jercutl.gov.in

**PUBLIC NOTICE**

Further to the Public Notice published on 24.12.2017 the stakeholders of the UT of Dadra & Nagar Haveli are hereby informed that the (i) DNH Power Distribution Corporation Ltd. has filed a Petition for approval of the Annual Revenue Requirement (ARR) and Tariff Proposal for the FY 2018-19 under Section 61, 62 & 64 of the Electricity Act, 2003 and (ii) the Electricity Department, Transmission Division, of Union Territory of Dadra and Nagar Haveli has filed a Petition for approval of the Aggregate Revenue Requirement (ARR) for the FY 2018-19 for the Electricity Department, Transmission Division Union Territory of Dadra and Nagar Haveli under Section 61, 62 & 64 of the Electricity Act, 2003. Both the Petitions have been admitted as Petitions No. 247/2017 and 250/2017 respectively, and are available on the Commission's website [www.jercutl.gov.in](http://www.jercutl.gov.in)


The Commission shall hold the Public Hearing on the above Petitions as per the schedule given below:

Date / Day / Year	Time	Venue
10th January (Wednesday), 2018	11.00 A.M. onwards	The President Hall, Yatri Niwas, Silvassa

Sd/-  
 (Keerti Tewari)  
 Secretary

INDIAN EXPRESS  
 08.01.2018





## જોઈન્ટ ઈલેક્ટ્રિસિટી રેગ્યુલેટરી કમિશન

(ગાંધી રાજ્ય અને કેન્દ્ર શાસિત પ્રદેશો માટે)

પી.એ.સી. બચાઉર-આંકડાઈનીસી બોલિંગ કમ્પ્લેક્સ, આલિજય મીડલ ગામડા, ઉદ્યાન સિટી, સેક્ટર IV, ગુરૂમીલ વિદ્યાલા, એન.સી. ૦૧૨૮૨૨૫૮૮૫૧, ૨૭૪૨૮૫૨, ડાદરા અને નગર હવેલી, ગુજરાત સરકાર. ઈમેલ: jerc@jerc.gov.in સંજ્ઞા: www.jerc.gov.in

### જાહેર નોટિસ


૨૪-૧૨-૨૦૧૭ નાં રોજ પ્રકાશિત જાહેર નોટિસ પ્રતિ વિશેષમાં, દાદરા અને નગર હવેલી ના કેન્દ્રશાસિત પ્રદેશના લાભાર્થીઓને આ સાથે જણાવવામાં આવે છે કે, (i) ડીએનએચ પાવર ડિસ્ટ્રીબ્યુશન કોર્પોરેશન લિમિટેડ દ્વારા ઈલેક્ટ્રિસિટી એક્ટ, ૨૦૦૩ ની કલમ ૬૧, ૬૨ અને ૬૪ હેઠળ નાણાકીય વર્ષ ૨૦૧૮-૧૯ માટે એન્યુઅલ રેવન્યુ રીકવાયરમેન્ટ (એઆરઆર) અને ટેરિફ દરખાસ્તોની મંજૂરી માટે એક દાવો દાખલ કરેલ છે. અને (ii) ઈલેક્ટ્રિસિટી ડીપાર્ટમેન્ટ, ટ્રાન્સમિશન ડિવિઝન, કેન્દ્રશાસિત પ્રદેશ દાદરા અને નગર હવેલીના એ વર્ષ ૨૦૧૮-૧૯ માટે એગ્રીગેટ રેવન્યુ રીકવાયરમેન્ટ (એઆરઆર) ની મંજૂરી માટે, ઈલેક્ટ્રિસિટી એક્ટ, ૨૦૦૩ ની કલમ ૬૧, ૬૨ અને ૬૪ હેઠળ દાવો દાખલ કરેલ છે. બંને દાવાઓ અનુક્રમે દાવા ક્રમાંક:- ૨૪૭/૨૦૧૭ અને ૨૫૦/૨૦૧૭ તરીકે દાખલ કરેલ છે. અને જે કમિશનની વેબસાઈટ [www.jerc.gov.in](http://www.jerc.gov.in) પર ઉપલબ્ધ છે.

આયોગ, ઉપરોક્ત દાવાઓ પરની જાહેર સુનાવણી નીચે આપેલ સમયપત્રક પ્રમાણે યોજશે.

તારીખ/ દિવસ/ વર્ષ	સમય	સ્થળ
૧૦ મી જાન્યુઆરી (મુજવાર), ૨૦૧૮	સવારે ૧૧.૦૦ વાગે અને આગળ ઉપર	પ્રેસિડન્ટ હોલ, ધાર્મી નિવાસ, સિલવાસા

અવાચ્ય/-  
(કીર્તિ નિવારી)  
સચિવ





### संयुक्त विद्युत विनियामक आयोग ( गोवा राज्य और संघ राज्य क्षेत्र हेतु )

2 तल, एचएसआईआईडीसी ऑफिस काम्प्लेक्स, वाभिन्य (Vanijya) निकुंज काम्प्लेक्स,  
बडोच विहार, फेज-V, गुडगांव (इरिवाणा) फो.: 0124-2342851, 2342852  
फैक्स: 0124-2342853, ई-मेल: secy-jerc@nic.in वेबसाइट: www.jercuts.gov.in

#### सार्वजनिक सूचना

एतद्वारा 24.12.2017 को प्रकाशित हुई सार्वजनिक सूचना के क्रम में दादर एवं नागर हवेली संघ राज्य क्षेत्र (UT) के सभी हितधारकों को सूचित किया जाता है कि (I) डीएनएच पावर डिस्ट्रीब्यूशन कॉर्पोरेशन लि. द्वारा Annual Revenue Requirement (ARR) के अनुमोदन तथा विद्युत अधिनियम, 2003 की धारा 61, 62 एवं 64 के अन्तर्गत वित्तीय वर्ष 2018-19 हेतु टैरिफ प्रस्ताव हेतु एक याचिका योजित की गई तथा (II) विद्युत विभाग, पारेषण खण्ड, यूनियन टैरिटरी दादर एवं नागर हवेली द्वारा वित्तीय वर्ष 2018-19 हेतु विद्युत विभाग, पारेषण खण्ड, यूनियन टैरिटरी दादर एवं नागर हवेली के लिए विद्युत अधिनियम, 2003 की धारा 61, 62 एवं 64 के अन्तर्गत Aggregate Revenue Requirement (ARR) के अनुमोदन हेतु एक याचिका योजित की गई है। दोनों ही याचिकाएं क्रमशः याचिका सं. 247/2017 तथा 250/2017 के रूप में स्वीकार की जा चुकी हैं तथा आयोग की वेबसाइट [www.jercuts.gov.in](http://www.jercuts.gov.in) पर उपलब्ध हैं।

आयोग द्वारा उपरोक्त याचिकाओं पर आम सुनवाई नीचे अंकित शिड्यूल के अनुसार आयोजित की जायेगी।

तारीख/दिन/वर्ष	समय	स्थान
10 जनवरी (बुधवार), 2018	11.00 बजे पूर्वाह्न के बाद	प्रेसीडेंट हॉल, फात्री निवास, सिलवासा

H/O -  
( कीर्ति तिवारी )  
सचिव

**NAV BHARAT TIMES** 08.01.2018