



# दादरा नगर हवेली उर्जा वितरण निगम लिमिटेड

(सरकार का उपक्रम)

## DNH POWER DISTRIBUTION CORPORATION LTD.

(A Government Undertaking)

CIN : U40100DN2012GOI000405

No. 1-1(704)/ELE/2014/3398.

Office of the Chief Engineer,  
DNH Power Distribution Corporation Limited,  
Administration of Dadra & Nagar Haveli, U.T.)  
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Dated: 15/09/2017

To,

The Secretary

Joint Electricity Regulatory Commission  
(for the state of Goa and Union Territories)

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**Sub:** Petition for Approval of True up for FY 2016-17 for DNH Power Distribution Corporation Limited under section 61, 62 and 64 of The Electricity Act 2003

Respected Madam,

With reference to the above cited subject, please find enclosed herewith the Petition for Approval of True up for FY 2016-17 for DNH Power Distribution Corporation Limited under section 61, 62 and 64 of The Electricity Act 2003. The petition fee of Rs. 2,00,000/- is being enclosed along with this letter (DD No.).

The DNH Power Distribution Corporation Limited most respectfully submits the above petition to the Hon'ble Joint Electricity Regulatory Commission.

Yours faithfully,

  
(C. A. Parmar)

Chief Engineer

**List of Enclosures. :-**

1. Six Copies of the True up petition for FY 2016-17 ( Vol 1)
2. Monthly report of the energy recorded at DNHPDCL periphery (Annexure I)
3. Annual Accounts for FY 2016-17(Annexure-II)
4. Power purchase bills(Annexure-III)

**पंजीकृत कार्यालय:** विद्युत भवन, ६६ केवी रोड, सचिवालय के पास, आमली, सिलवासा - ३९६ २३०.

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**“बिजली की बचत ही बिजली का उत्पादन है। ENERGY IS LIFE, CONSERVE IT.”**

Truing up for FY 2016-17,

Main Text & Formats (Volume I)

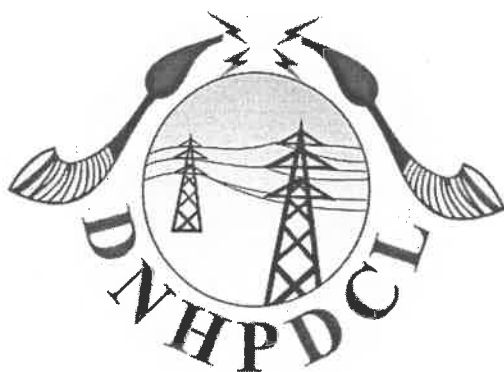
Submitted to:

Joint Electricity Regulatory Commission

Gurgaon

By

DNH Power Distribution Corporation Ltd.



September 2017

**AFFIDAVIT**

**BEFORE HON'BLE JOINT ELECTRICITY REGULATORY COMMISSION FOR THE  
STATE OF GOA & UNION TERRITORIES**

File No. \_\_\_\_\_

Case No. \_\_\_\_\_

IN THE MATTER OF:                      Filing of True up Petition for the FY 2016-17 for DNH Power  
Distribution Corporation Limited under Section 61, 62 and 64  
of the Electricity Act, 2003

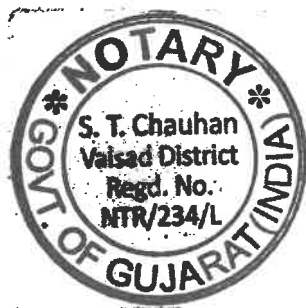
AND

IN THE MATTER OF                      DNH    Power    Distribution    Corporation    Limited  
(hereinafter referred to as "DNHPDCL" or "The Petitioner" or  
"The Department")  
..... Petitioner

I, Shri Chhatrasinh Ambelal Parmar, son of Shri Ambelal Parmar (aged 60 years),  
(occupation) Government Service residing at Valsad, the deponent named above do hereby  
solemnly affirm and state on oath as under:

1. That the deponent is the Chief Engineer, DNH Power Distribution Corporation Limited,  
who is authorized by the order of the Administration of Dadra & Nagar Haveli and is  
acquainted with the facts deposed as below.
2. I, the deponent named above do hereby verify that the contents of the accompanying  
petition are based on the records of the DNH Power Distribution Corporation Limited  
maintained in the ordinary course of business and believed them to be true and I  
believe that no part of it is false and no material facts have been concealed therefrom.

Details of enclosures:



Proposal for True up Petition for the FY 2016-17 for determination of tariff.

Petition fee - ₹. 2,00,000/- vide DD No. \_\_\_\_\_ dated \_\_\_\_\_

As per The Joint Electricity Regulatory Commission for Goa & Union Territories (Conduct of Business) (Fourth Amendment) Regulations, 2015

*[Signature]*

For the DNH Power Distribution Corporation Limited

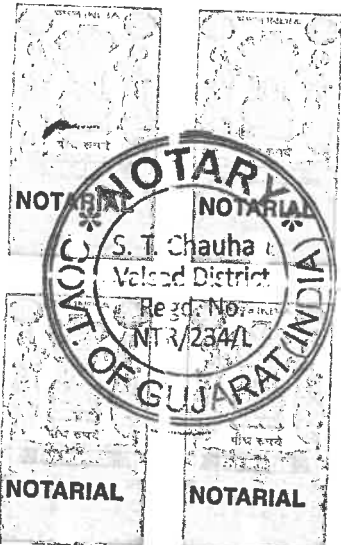
**Chief Engineer**  
**DNH Power Distribution Corporation Ltd.**  
**U.T. of Dadra & Nagar Haveli, Silvassa**

Place: Dadra & Nagar Haveli, Silvassa

I, \_\_\_\_\_, Advocate, \_\_\_\_\_, do hereby declare that the person making this affidavit is known to me through the perusal of records and I am satisfied that he is the same person alleging to be deponent himself.

Advocate

Solemnly affirmed before me on this \_\_\_\_\_ day of September 2017 at \_\_\_\_\_ p.m/a.m by the deponent who has been identified by the aforesaid Advocate. I have satisfied myself by examining the deponent that he understood the contents of the affidavit which has been read over and explained to him. He has also been explained about section 193 of Indian Penal Code that whoever intentionally gives false evidence in any of the proceedings of the Commission or fabricates evidence for purpose of being used in any of the proceedings shall be liable for punishment as per law.



*[Signature]*  
**S. T. Chauhan**  
Notary Valsad District,  
Yogi Smruti, Mullawadi,  
Valsad-396 001  
Gujarat-INDIA

Book No.: 1  
Page No.: 36  
Serial No.: \_\_\_\_\_  
Date: 1 / 120  
Certificate of Practice  
Valid till: 23/7/2022

Solemnly affirmed before me  
by Shri C. A. Jarmar  
who has been identified by Shri \_\_\_\_\_  
whom I know Personally

**BEFORE THE JOINT ELECTRICITY REGULATORY COMMISSION  
FOR THE STATE OF GOA & UNION TERRITORIES**

Filing No.....

Case No.....

IN THE MATTER OF:      Filing of True up for the FY 2016-17 under Section 61, 62  
and 64 of the Electricity Act, 2003

AND

IN THE MATTER OF      DNH Power Distribution Corporation Limited  
(hereinafter referred to as "DNHPDCL" or "The  
Petitioner" or "The Department")  
..... Petitioner

The Applicant respectfully submits as under: -

1. DNH Power Distribution Corporation Limited (DNHPDCL) is a statutory body engaged in the procurement of electricity and distribution in the Union Territory of Dadra & Nagar Haveli. Consequent to the enactment of the Electricity Act, 2003 (hereinafter referred to as the "Act"), the process of approval of proposed tariffs is vested with the State Commission. Based on the provisions of Section 61, 62 and 64 of the Act, DNHPDCL is filing the current Petition, in order to meet its financial requirements.
2. This is a Petition indicating the True up Petition of DNHPDCL for the FY 16-17 (Financial Year 2016-17).



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**Notes:**

**In this Petition:**

**All currency figures used in this Petition, unless specifically stated otherwise, are in Rs Crore and Million Units.**

**This petition contains the Main Text of the Petition, Formats and Annexure (Volume II)**



| ACRONYM       | DEFINITION                                 |
|---------------|--------------------------------------------|
| A&G Expenses  | Administrative & General Expenses          |
| CEA           | Central Electricity Authority              |
| CERC          | Central Electricity Regulatory Commission  |
| Ckt. Km / ckm | Circuit Kilometres                         |
| EA 2003       | Electricity Act 2003                       |
| G,T and D     | Generation, Transmission and Distribution  |
| GFA           | Gross Fixed Assets                         |
| GoI           | Government of India                        |
| IPPs          | Independent Power Producers                |
| JERC          | Joint Electricity Regulatory Commission    |
| DNHPDCL       | DNH Power Distribution Corporation Limited |
| MU            | Million Units                              |
| MYT           | Multi-Year Tariff                          |
| O&M           | Operations and Maintenance                 |
| PGCIL         | Power Grid Corporation of India Limited    |
| R&M Expenses  | Repair & Maintenance Expenses              |
| RoE           | Return on Equity                           |
| T&D           | Transmission and Distribution              |
| S/S           | Sub Station                                |



## Chapter 1: Introduction

---

### 1.1 DNHPDCL Profile

DNH Power Distribution Corporation Limited (DNHPDCL) has been created from the erstwhile Electricity Department of Dadra & Nagar Haveli (ED-DNH) and started its operation from April 1, 2013. The Ministry of Power (MoP) had advised to corporatize the ED-DNH. The Ministry of Home Affairs vide letter no. U-3034/59/2010-CPD dated 29<sup>th</sup> September 2011 has conveyed approval to corporatize ED-DNH. Subsequently, the MoP vide letter no. 36/1/2010-R&R dated 29<sup>th</sup> February 2012 has conveyed its "No Objection" for the Corporatization of ED-DNH.

The Administrator of Dadra and Nagar Haveli after satisfying the necessity to Corporatize has incorporated the "DNH Power Distribution Corporation Limited" with the Registrar of Companies, Gujarat under the Companies Act, 1956 on 13<sup>th</sup> July 2012.

The Administrator of Dadra and Nagar Haveli in exercise of powers conferred vide Notification No. F No U-11030/2/2003-UTL dated 22<sup>nd</sup> June 2004, by Ministry of Home Affairs and under section 131,133 and 134 of the Electricity Act, 2003 has prepared the "Dadra & Nagar Haveli Electricity Reforms Transfer Scheme 2013" (hereinafter referred as the "Scheme"). This Scheme has provided the transfer of assets, liabilities, rights, functions, obligations, proceedings and personnel of distribution and associated divisions of ED-DNH to DNHPDCL. The functions and duties of DNHPDCL as mentioned in the Scheme document are as follows:

- Laying and operating of such electric line, sub-station and electrical plant that is primarily maintained for the purpose of distributing electricity in the area of supply of DNHPDCL, notwithstanding that such line, sub-station or electrical plant are high pressure cables or overhead lines or associated with such high pressure cables or overhead lines; or used incidentally for the purpose of transmitting electricity for others, in accordance with Electricity Act. 2003 or the Rules framed there under.



- Arranging, in-coordination with the Generating Company(ies) operating in or outside the State, for the supply of electricity required within the State and for the distribution of the same in the most economical and efficient manner;
- Supplying electricity, as soon as practicable to any person requiring such supply, within its competency to do so under the said Act;
- Preparing and carrying out schemes for distribution and generally for promoting the use of electricity within the State.

The present distribution system of DNHPDCL consists of 9.9 km of 220 kV double circuit (D/C) lines, 279.9 km of 66 kV D/C lines, 833.7 circuit km of 11 kV lines along with 1091 distribution transformers.

At present, the UT of Dadra & Nagar Haveli gets power from 400/220 kV Substation of PGCIL Vapi, 400/200 kV Kala Substation of PGCIL (DNH).

DNHPDCL has already signed power purchase agreements (PPAs) with NTPC for allocation of power from Barh Super Thermal Power Project (BSTPP). Besides, DNHPDCL has also shown its willingness for allocation of power for Lara Super Thermal Power Project (LSTTP) for 50 MW. DNHPDCL has also shown its interest for allocation of 50 MW power from the Ultra Mega Power Projects from Ministry of Power. DNHPDCL has already signed PPA with Emco Energy (GMR) to supply 200MW of power for seven years, i.e from April, 2013.

In addition to this willingness is also given for 50 MW power each from expansion of NSPCL Bhilai power plant, Jagdishpur Thermal Power Plant and Rourkela Thermal Power Plant.

DNHPDCL has total sub-transmission capacity of 1000 MVA, including 520 MVA in Kharadpada and 480 MVA Khadoli sub-stations. Total installed capacity at 66/11 kV sub-stations are 712 MVA. DNHPDCL is continuously



striving for increasing its distribution capacity on account of increasing electricity demand from the HT/EHT consumers.

## **1.2 Multi Year Tariff Distribution Tariff Regulations, 2014**

DNHPDCL's tariff determination is now governed by "The Joint Electricity Regulatory Commission for the State of Goa and Union Territories (Multi Year Distribution Tariff) Regulations, 2014" (referred to as "MYT Regulations, 2014"). The MYT Regulations, 2014 provide a framework for calculating tariffs on a cost-plus basis initially for a period of three years and allow the licensee to recover operational expenses including depreciation, interest on working capital and debt, and return on equity amongst others. The MYT Regulations, 2014 segregate the items impacting tariffs into controllable and uncontrollable factors. Items that are uncontrollable are passed through to the consumers. Further, the MYT Regulations, 2014 identifies the uncontrollable and controllable parameters as follows:

### **1.2.1 Uncontrollable Parameters include**

- 1 Force Majeure events, such as acts of war, fire, natural calamities, etc.
- 2 Change in law;
- 3 Taxes and Duties;
- 4 Variation in sales; and
- 5 Variation in the cost of power generation and/or power purchase due to the circumstances, as specified in the MYT Regulations, 2014

### **1.2.2 Controllable Parameters include**

- 1 Variations in CAPEX due to time and/or cost overruns/efficiencies;
  - 2 Variations in transmission and distribution losses;
  - 3 Variations in depreciation and working capital requirements;
  - 4 Failure to meet the standards specified in the Joint Electricity Regulatory Commission (Standards of Performance) Regulations, 2009 except where exempted;
  - 5 Variation in operation & maintenance expenses, except those attributable to directions of the Commission;
- 

- 6 Variation in Wires Availability and Supply Availability; and
- 7 Variation on account of inflation.

### **1.3 Contents of this Petition**

This Petition covers the truing up for FY 16-17. The Joint Electricity Regulatory Commission (JERC) for the state of Goa and union territories had issued the first Tariff Order for Electricity Department of Dadra & Nagar Haveli (DNHPDCL) for the FY 10-11 on 1<sup>st</sup> November, 2010 and subsequently the second and third Tariff Orders for FY 11-12 and FY 12-13 were issued on 13<sup>th</sup> September, 2011 and 31<sup>st</sup> July, 2012. The Hon'ble Commission had issued the fourth, fifth, sixth, seventh and eighth Tariff Orders on 25<sup>th</sup> March 2013, 5<sup>th</sup> May, 2014, 1<sup>st</sup> April, 2015, 7<sup>th</sup> April, 2016 and 9<sup>th</sup> June, 2017 for the FY 2013-14, FY 2014-15, FY 2015-16, MYT Control Period FY 2016-17 to FY 2018-19 and FY 2017-18 respectively. The Commission in its last Tariff Order for the FY 2017-18 has approved the ARR for the FY 2017-18 based on the actual cost for FY 15-16 and estimated expenses for FY 16-17.



## Chapter 2: True Up for FY 2016-17

### 2.1 Principles for True Up for FY 2016-17

As per The Joint Electricity Regulatory Commission for the State of Goa and Union Territories (Multi Year Distribution Tariff) Regulations, 2014, the Hon'ble Commission shall undertake the True Up of licensee for FY 2016-17 based on the comparison of the actual performance of the past year with the approved estimates for such year.

In line with the provisions of JERC MYT Regulations, DNHPDCL is filing for True Up for the year FY 2016-17. Information provided in the True Up for FY 2016-17 is based on the Annual Accounts and principles adopted by the Hon'ble Commission in its previous orders on Interest on Term Loan, Return on Equity, Interest on Working Capital and Depreciation. This actual performance has been compared with the approved parameters as per the order dated 7<sup>th</sup> April, 2016 and the revised parameters in the Tariff Order dated 9<sup>th</sup> June, 2017 for the FY 16-17.

Accordingly, revised Aggregate Revenue Requirement, revenue and gap for FY 2016-17 are given in the following sections of this chapter.

### 2.2 Energy Sales for FY 2016-17

The actual energy sale for FY 2016-17 has been shown below along with approved values by Hon'ble Commission vide Tariff Order dated 7<sup>th</sup> April, 2016 and the revised sales approved in the Tariff Order dated 9<sup>th</sup> June, 2017. The actual energy sales for FY 2016-17 are as under:

**Table 1: Category wise Energy Sales for FY 16-17**

| Particulars     | (MU)                                      |                                          |                    |
|-----------------|-------------------------------------------|------------------------------------------|--------------------|
|                 | FY 16-17<br>Approved (7th<br>April, 2016) | FY 16-17<br>Approved (9th<br>June, 2017) | FY 16-17<br>Actual |
| Domestic        | 117.96                                    | 104.07                                   | 104.46             |
| Commercial      | 34.49                                     | 33.17                                    | 30.36              |
| Agriculture     | 5.49                                      | 5.06                                     | 6.20               |
| LT Industry     | 217.49                                    | 217.70                                   | 211.70             |
| HT/EHT Industry | 5420.66                                   | 3802.33                                  | 3,384.17           |

| Particulars        | FY 16-17<br>Approved (7th<br>April, 2016) | FY 16-17<br>Approved (9th<br>June, 2017) | FY 16-17<br>Actual |
|--------------------|-------------------------------------------|------------------------------------------|--------------------|
| Public Lighting    | 12.93                                     | 6.56                                     | 8.27               |
| Public Water Works | 3.56                                      | 4.03                                     | 4.55               |
| Temp. Supply       | 0.00                                      | 3.27                                     | 3.20               |
| <b>Total Sales</b> | <b>5,812.58</b>                           | <b>4,176.19</b>                          | <b>3,752.91</b>    |

It can be observed that the actual sales for FY 16-17 is substantially lower than the sales approved by the Commission vide its Tariff order dated 7<sup>th</sup> April, 2016. The variation is due to shifting of the HT consumers to the open access. During the FY 2016-17 an average of 320 MW load from June 2016 to March 2017 was shifted to open access due to which the DNHPDCL witnessed a reduction in demand of approximately 320 MW during this period. The variation in sales of electricity to the consumers is attributed as uncontrollable factor. Therefore, DNPDCL requests the Hon'ble Commission for the truing up of actual sales as shown in the Table above.

### 2.3 Distribution Loss for FY 2016-17

DNHPDCL has been making all efforts to contain the distribution losses. Consequent to the efforts, the distribution losses in DNHPDCL area is one of the lowest in the country.

The Hon'ble Commission vide its Tariff Orders dated 9<sup>th</sup> June, 2017 had approved the distribution loss at 4.70%. Against that the actual distribution losses in FY 2016-17 were 4.68%. The following Table shows the comparison of actual distribution losses of the DNHPDCL against that approved by the Hon'ble Commission vide its Tariff Orders dated 7<sup>th</sup> April, 2016 and 9<sup>th</sup> June, 2017.

**Table 2: Distribution Loss for FY 16-17**

| Particulars       | (%)                                       |                                             |                    |
|-------------------|-------------------------------------------|---------------------------------------------|--------------------|
|                   | FY 16-17<br>Approved (7th<br>April, 2016) | FY 16-17<br>Approved<br>(9th June,<br>2017) | FY 16-17<br>Actual |
| Distribution Loss | 4.70%                                     | 4.70%                                       | 4.68%              |



The DNHPDCL requests the Hon'ble Commission to approve the actual T&D losses for FY 16-17.

## 2.4 Energy Requirement and Energy Balance

Based on the actual energy sales and the transmission & distribution loss units, the actual energy requirement for DNHPDCL has been furnished below. The energy requirement has been met through various sources as described in the subsequent section.

**Table 3: Energy Requirement and Energy Balance for FY 16-17**

| Particulars                                   | (MU)                                      |                                          |                    |
|-----------------------------------------------|-------------------------------------------|------------------------------------------|--------------------|
|                                               | FY 16-17<br>Approved (7th<br>April, 2016) | FY 16-17<br>Approved (9th<br>June, 2017) | FY 16-17<br>Actual |
| Sales                                         | 5,812.58                                  | 4,176.19                                 | 3,752.91           |
| Open Access Sales                             | 1,180.32                                  | 2,028.27                                 | 1,984.08           |
| Less: Energy Savings                          | (5.77)                                    | (5.77)                                   | 0.00               |
| <b>Total Sales</b>                            | <b>6,987.13</b>                           | <b>6,198.69</b>                          | <b>5,736.99</b>    |
| Add: Losses                                   | 344.59                                    | 305.71                                   | 281.42             |
| <b>T&amp;D Losses</b>                         | <b>4.70%</b>                              | <b>4.70%</b>                             | <b>4.68%</b>       |
| <b>Energy Required at<br/>Periphery</b>       | <b>7331.72</b>                            | <b>6504.40</b>                           | <b>6018.41</b>     |
| Add: Sales to common pool<br>consumer         | 153.18                                    | 52.89                                    | 95.40              |
| Less: Own Generation                          | 0.00                                      | 0.00                                     | 0.88               |
| Less: Open Access Purchase                    | 1222.77                                   | 2091.00                                  | 2042.50            |
| <b>Total Energy Required at<br/>Periphery</b> | <b>6262.13</b>                            | <b>4466.29</b>                           | <b>4070.43</b>     |
| Transmission loss                             | 237.90                                    | 171.08                                   | 169.01             |
| Transmission loss (%)                         | 3.66%                                     | 3.69%                                    | 3.99%              |
| <b>Total Energy to be purchased</b>           | <b>6,500.03</b>                           | <b>4,637.37</b>                          | <b>4,239.44</b>    |
| Power Purchase from tied up<br>sources        | 7,722.80                                  | 6,728.36                                 | 6,281.94           |

The actual energy recorded at the periphery of DNHPDCL was 6018.41 MUs (including open access and own generation) during FY 2016-17. Accordingly, the actual transmission losses stood at 169.01 MUs during the FY 2016-17. A copy of the monthly report of the energy recorded at DNHPDCL periphery is being enclosed along with this petition as **Annexure I**.



## 2.5 Power Purchase Cost

DNHPDCL sources power from Central Generating Stations like Korba, Vindychal, Kahalgaon, Kawas, Sipat, Tarapur and Kakrapar atomic power stations of NPCIL etc. Besides, DNHPDCL also drew power from RGGPL and EMCO Energy Limited. The power procured during FY 16-17 as against that approved by the Hon'ble Commission is provided in the table below.

**Table 4: Power purchase cost for FY 2016-17**

| Particulars    | Mus      |          | Cost     |          |
|----------------|----------|----------|----------|----------|
|                | FY 16-17 | FY 16-17 | FY 16-17 | FY 16-17 |
|                | Approved | Actual   | Approved | Actual   |
| Power Purchase | 4,637.37 | 4,239.44 | 2,093.24 | 1,997.61 |

The Hon'ble Commission had approved a power purchase cost of Rs. 2093.24 Crore in the last Tariff Order. Against that the actual power purchase cost in FY 16-17 was Rs. 1997.61 Crore (inclusive of RPO). In the Annual Accounts submitted to the Hon'ble Commission as **Annexure II** of this petition the power purchase cost has been given as Rs. 2031.69 Crore. In the Annual Accounts the rebate given in the power purchase bills amounting to Rs. 37.63 Crore during the FY 2016-17 has been considered in the other income. The same has been deducted from the power purchase cost for the truing up purpose. Also, an amount of Rs. 3.39 Crore has been deducted from the power purchase as given in schedule 21 of the Annual Accounts on account of stores and spares consumed by the DNHPDCL during FY 2016-17. Further, an amount of Rs. 6.93 Crore given under the finance charges has been included in the power purchase cost as the same pertains to interest levied by the generators on previous years bills due to a revision in the power purchase cost.

The DNHPDCL also requests the JERC to allow the UI purchase during FY 16-17 without any penalty as the DNHPDCL has already incurred that amount. Therefore, the DNHPDCL has included that total UI amount paid in the total power purchase cost for FY 16-17.

The DNHPDCL purchased 25.29 MU during FY16-17 through UI at the cost of Rs. 0.84 Crore to meet the energy shortfall during the year.



The power purchase quantum and cost depends on various parameters such as the energy sales, distribution loss, energy requirement and the energy availability. The variation in the power purchase cost from the Tariff Order is on account of variation in sales and variation in actual cost with respect to the base rate along with purchase of power from short-term sources to meet the shortfall during the year.

The DNHPDCL, requests the Hon'ble Commission to approve the actual power purchase cost for FY 16-17 without any deduction.

## **2.6 Operation and Maintenance Expenses**

Operations and Maintenance (O&M) Expenses of the company consists of the following elements:

- Employee Expenses
- Repairs and Maintenance Costs
- Administrative and General Expenses

Employee expenses comprise of salaries, dearness allowance, bonus, terminal benefits in the form of pension & gratuity, leave encashment and staff welfare expenses.

Repairs and Maintenance Expenses go towards the day to day maintenance of the distribution network of the DNHPDCL 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.

Administration expenses mainly comprise of rents, telephone and other communication expenses, professional charges, conveyance and travelling allowances, other debits.

The Hon'ble Commission had approved the O&M cost at Rs. 21.33 Crore and Rs. 22.24Crore respectively vide Tariff Orders<sup>7<sup>th</sup></sup> April, 2016and <sup>9<sup>th</sup></sup> June, 2017respectively.



During FY 2016-17, DNHPDCL incurred actual O&M expense of Rs. 23.68 Crore which included Employee cost of Rs. 12.50 Crore, Repair & Maintenance charges of Rs. 4.75 Crore and Administration & General Expenses of Rs. 6.44 Crore as given in the Table below:

**Table 5: Operation & Maintenance Expenses for FY 2016-17**

| Particulars   | (Rs. Cr.)                                 |                                          |                    |
|---------------|-------------------------------------------|------------------------------------------|--------------------|
|               | FY 16-17<br>Approved (7th<br>April, 2016) | FY 16-17<br>Approved (9th<br>June, 2017) | FY 16-17<br>Actual |
| Employee Cost | 10.47                                     | 10.34                                    | 12.50              |
| R&M           | 5.93                                      | 7.03                                     | 4.75               |
| A&G           | 4.93                                      | 4.87                                     | 6.44               |
| O&M Expenses  | 21.33                                     | 22.24                                    | 23.68              |

The O&M expenses incurred by the DNHPDCL are more than the O&M expenses approved by the Hon'ble Commission due to increase in the employee expenses and the A&G expenses. The DNHPDCL would like to submit that the employee expenses are vital for the smooth running of the administrative functions of the department. Further, the A&G expenses comprise of the Telephone, postage & telegrams charges, Travel and conveyance expenses of the employees of the DNHPDCL, Consultancy and regulatory fees, Consumer indexing fee etc. which are required for the smooth functioning of the day to day operations of the DNHPDCL. Therefore, the DNHPDCL requests the Hon'ble Commission to approve the O&M expenses as per above submission.

## 2.7 Capital Expenditure & Capitalization

The actual capital expenditure incurred by DNHPDCL during the FY 16-17 was Rs. 13.21 Crore, which is lower than that approved by the Hon'ble Commission in its Tariff Order dated 7<sup>th</sup> April, 2016 and 9<sup>th</sup> June, 2017. The capital expenditure incurred and capitalization for FY 2016-17 against that approved by the Hon'ble Commission is as shown below:



**Table 6: Capital Expenditure and Capitalization for FY 2016-17**

| Particulars         | (Rs. Cr.)                                 |                                          |                    |
|---------------------|-------------------------------------------|------------------------------------------|--------------------|
|                     | FY 16-17<br>Approved (7th<br>April, 2016) | FY 16-17<br>Approved (9th<br>June, 2017) | FY 16-17<br>Actual |
| Capital Expenditure | 136.60                                    | 136.60                                   | 34.06              |
| Capitalization      | 94.36                                     | 94.36                                    | 33.89              |

The DNHPDCL, therefore, requests the Hon'ble Commission to approve the capital expenditure and capitalization for FY 16-17.

## 2.8 Depreciation

The depreciation has been worked out after applying the Depreciation rates as per the JERC (Multi Year Distribution Tariff) Regulations, 2014.

For computation of depreciation, DNHPDCL has considered the opening balance of the GFA for FY 16-17 and subsequently added the assets capitalized in FY 16-17.

Accordingly, the depreciation so arrived and approved depreciation for FY 16-17 are as shown below:

**Table 7: Depreciation for FY 2016-17**

| Particulars                  | (Rs. Cr.)                                 |                                          |                    |
|------------------------------|-------------------------------------------|------------------------------------------|--------------------|
|                              | FY 16-17<br>Approved (7th<br>April, 2016) | FY 16-17<br>Approved (9th<br>June, 2017) | FY 16-17<br>Actual |
| Opening GFA                  | 324.85                                    | 393.48                                   | 393.48             |
| Addition during the year     | 94.36                                     | 94.36                                    | 33.89              |
| Closing GFA                  | 419.21                                    | 487.84                                   | 427.37             |
| Average GFA                  | 372.03                                    | 440.66                                   | 410.42             |
| Depreciation during the year | 23.03                                     | 22.41                                    | 13.91              |

The DNHPDCL, requests the Hon'ble Commission to approve the actual depreciation for FY 16-17 without any deduction.



## 2.9 Interest and Finance Charges

For assessing interest on Loans in FY 16-17, DNHPDCL has considered the Opening Balance of Loans for FY 16-17 as approved by the Hon'ble Commission in its Tariff Order dated 9<sup>th</sup> June, 2017 for the Review of the ARR for FY 16-17. The normative loan addition in FY 16-17 has been computed as 70% of the capitalization for FY 16-17 which works out to Rs. 23.72 Crore. The capitalization for FY 16-17 was Rs. 33.89 Crore as per the annual accounts for FY 16-17.

The repayment of loans has been considered equal to the depreciation during the FY 2016-17. Further the rate of interest has been considered as equal to the SBI PLR of 14.05%.

The total Interest & Financial charges for FY 2016-17 computed by DNHPDCL as against approved by the Hon'ble Commission is as shown below:

**Table 8: Interest on Loan for FY 2016-17**

| Particulars                                      | (Rs. Cr.)                                 |                                          |                    |
|--------------------------------------------------|-------------------------------------------|------------------------------------------|--------------------|
|                                                  | FY 16-17<br>Approved (7th<br>April, 2016) | FY 16-17<br>Approved (9th<br>June, 2017) | FY 16-17<br>Actual |
| <b>Opening Loan</b>                              | 53.88                                     | 45.56                                    | 46.65              |
| Loan for additional Capex<br>(70:30 debt-equity) | 66.05                                     | 66.05                                    | 23.72              |
| Loan Repayment                                   | 23.03                                     | 22.41                                    | 13.91              |
| <b>Closing Loan</b>                              | 96.90                                     | 89.20                                    | 56.46              |
| <b>Interest Cost on Avg. Loans</b>               | 10.59                                     | 9.47                                     | 7.93               |

The DNHPDCL, requests the Hon'ble Commission to approve the interest on loan computed for FY 16-17.

## 2.10 Interest on Working Capital

The interest on working capital has been calculated based on the normative principles outlined by the Hon'ble Commission in the JERC (Multi Year Distribution Tariff) Regulations, 2014.

The working capital requirement for the Control Period has been computed considering the following parameters:

- a. Receivables of two months of billing



- b. Less power purchase cost of one month
- c. Less consumer security deposit but excluding Bank Guarantee/Fixed Deposit
- d. Inventory for two months based on annual requirement for previous year

DNHPDCL has computed interest on working capital at 9.30% (SBI base rate as on 05th October 2015). The interest on working capital for FY 16-17 incurred by DNHPDCL against that approved by the Hon'ble Commission is as shown below:

**Table 9: Interest on Working Capital for FY 2016-17**

| Particulars                                                             | (Rs. Cr.)                                    |                                             |                    |
|-------------------------------------------------------------------------|----------------------------------------------|---------------------------------------------|--------------------|
|                                                                         | FY 16-17<br>Approved<br>(7th April,<br>2016) | FY 16-17<br>Approved<br>(9th June,<br>2017) | FY 16-17<br>Actual |
| Receivables of two months of billing                                    | 428.65                                       | 286.91                                      | 312.95             |
| Less power purchase cost of one month                                   | 199.46                                       | 169.65                                      | 166.47             |
| Inventory for two months based on annual requirement for previous year  | 0.28                                         | 0.42                                        | 0.61               |
| <b>Total Working Capital requirement</b>                                | <b>229.47</b>                                | <b>117.68</b>                               | <b>147.10</b>      |
| <b>Security Deposit</b>                                                 | <b>42.86</b>                                 | <b>35.08</b>                                | <b>32.96</b>       |
| <b>Net Working Capital required after deduction of Security Deposit</b> | <b>186.61</b>                                | <b>82.60</b>                                | <b>114.13</b>      |
| <b>Interest on Working Capital</b>                                      | <b>17.35</b>                                 | <b>7.68</b>                                 | <b>10.61</b>       |

The DNHPDCL, requests the Hon'ble Commission to approve the interest on working capital computed for FY 16-17.

## 2.11 Return on Equity

As per Regulation 27 of the MYT Regulations 2014, Return on Equity shall be computed on 30% of the capital base or actual equity whichever is lower. The DNHPDCL has considered the equity as per the audited accounts for the FY 2016-17 and has added the equity to the tune of 30% of assets capitalized

during the year. Accordingly, DNHPDCL has computed the Return on Equity at 16% post tax return in equity.

The return on equity as computed for FY 2016-17 is as shown below:

**Table 10: Return on Equity for FY 16-17**

| Particulars                                                             | (Rs. Cr.)                                 |                                          |                    |
|-------------------------------------------------------------------------|-------------------------------------------|------------------------------------------|--------------------|
|                                                                         | FY 16-17<br>Approved (7th<br>April, 2016) | FY 16-17<br>Approved (9th<br>June, 2017) | FY 16-17<br>Actual |
| Opening Equity                                                          | 80.00                                     | 80.00                                    | 80.00              |
| Addition in Equity on account of new capitalization (70:30 debt-equity) | 32.99                                     | 28.31                                    | 10.17              |
| Post tax equity                                                         | 112.99                                    | 108.31                                   | 90.17              |
| Average Equity                                                          | 96.50                                     | 94.16                                    | 85.08              |
| Return on Capital Base                                                  | 18.08                                     | 15.06                                    | 13.61              |

The DNHPDCL, requests the Hon'ble Commission to approve the return on equity computed for FY 16-17.

## 2.12 Income Tax

As per the JERC (Multi Year Distribution Tariff) Regulations, 2014, "Income Tax, if any, on the Licenced business of the Distribution Licensee shall be treated as expense and shall be recoverable from consumers through tariff." The DNHPDCL did not pay any income tax during the FY 2016-17. Hence, the income tax liability for the FY 2016-17 is nil.

**Table 11: Income Tax for FY 16-17**

| Particulars | (Rs. Cr.)                                 |                                          |                    |
|-------------|-------------------------------------------|------------------------------------------|--------------------|
|             | FY 16-17<br>Approved (7th<br>April, 2016) | FY 16-17<br>Approved (9th<br>June, 2017) | FY 16-17<br>Actual |
| Income Tax  | 9.31                                      | 7.76                                     | 0.00               |

## 2.13 Interest on Security Deposit

In terms of the section 47 (4) of the Electricity Act, 2003 'the distribution licensee is required to pay interest on security deposit collected from consumers equivalent to bank rate or more as may be specified by the Commission. The DNHPDCL paid the

interest on security deposit of Rs. 2.35 Crore to its consumers during the FY 2016-17. The opening security deposit for the FY 2016-17 was Rs. 35.08 Crore and the closing security deposit was Rs. 32.96 Crore. Further, security deposit was transferred from erstwhile Electricity Department through approved transfer scheme in to the DNHPDCL. Service connection number of some of the consumers are unidentified and untraceable. Security deposit of such consumers is Rs. 3.39 Crores and the Interest on security deposit for such consumers is Rs. 0.26 Crore for the FY 2016-17. The same is not provided for and also no TDS deducted or deposited. The same may turn into a liability in the future on claim by such consumers. Hence, Rs. 0.26 Crore is requested to be approved for the FY 2016-17 as interest on security deposit along with Rs. 2.35 Crore.

**Table 12: Interest on Security Deposit for FY 16-17**

| Particulars                         | (Rs. Cr.)                                 |                                          |                    |
|-------------------------------------|-------------------------------------------|------------------------------------------|--------------------|
|                                     | FY 16-17<br>Approved (7th<br>April, 2016) | FY 16-17<br>Approved (9th<br>June, 2017) | FY 16-17<br>Actual |
| <b>Interest on Security Deposit</b> | <b>3.32</b>                               | <b>2.72</b>                              | <b>2.62</b>        |

The DNHPDCL, requests the Hon'ble Commission to approve the interest on security deposit for FY 16-17 as given in the table above.

#### 2.14 Non-Tariff Income

The actual Non-Tariff Income of DNHPDCL for FY 16-17 was Rs. 74.54Crore. The Hon'ble Commission had approved non-tariff income of Rs.45.76Crore and Rs. 78.35 Crore in the Tariff Orders dated 7<sup>th</sup> April, 2016 and 9<sup>th</sup> June, 2017 respectively. Against that, the actual Non-Tariff Income for FY 16-17 was Rs. 74.54Crore as shown in the Table below:

**Table 13: Non-Tariff Income for FY 16-17**

| Particulars              | (Rs. Cr.)                                 |                                          |                    |
|--------------------------|-------------------------------------------|------------------------------------------|--------------------|
|                          | FY 16-17<br>Approved (7th<br>April, 2016) | FY 16-17<br>Approved (9th<br>June, 2017) | FY 16-17<br>Actual |
| <b>Non-tariff Income</b> | <b>45.76</b>                              | <b>78.35</b>                             | <b>74.54</b>       |

Out of the Rs. 74.54 Crore, Rs. 33.73 Crore is on account of Interest on Fixed Deposits & Others. Earlier, before the corporatization of the department all the

revenue used to be transferred to the Government Treasury and therefore the department was not getting any interest on the fixed deposits. However, since the corporatization of the department has been done, the funds are transferred to the bank account and the department is getting interest on the fixed deposits.

The remaining Rs. 40.81 Crore is on account of various other components like delayed payment surcharge, meter testing charges etc. DNHPDCL submits that the variation in non-tariff income is uncontrollable. Accordingly, it requests the Hon'ble Commission to allow the variation in Non-Tariff Income as uncontrollable for the purpose of truing up.

## 2.15 Aggregate Revenue Requirement for FY 2016-17

Based on above expenses, the Table below summarizes Aggregate Revenue Requirement for FY 16-17 for DNHPDCL in comparison with values approved by the Hon'ble Commission in the last two Tariff Orders:

**Table 14: Aggregate Revenue Requirement for FY 16-17**

| Particulars                                 | (Rs. Cr.)                                 |                                          |                    |
|---------------------------------------------|-------------------------------------------|------------------------------------------|--------------------|
|                                             | FY 16-17<br>Approved (7th<br>April, 2016) | FY 16-17<br>Approved (9th<br>June, 2017) | FY 16-17<br>Actual |
| Power Purchase Cost                         | 2,393.52                                  | 2,093.24                                 | 1,997.61           |
| O&M Expense                                 | 21.33                                     | 22.24                                    | 23.68              |
| Depreciation                                | 23.03                                     | 22.41                                    | 13.91              |
| Interest Cost on Long-term<br>Capital Loans | 10.59                                     | 9.47                                     | 7.93               |
| Interest on Working Capital<br>Loans        | 17.35                                     | 7.68                                     | 10.61              |
| Return on Equity                            | 18.08                                     | 15.06                                    | 13.61              |
| Provision for Bad Debt                      | 0.00                                      | 0.00                                     | 0.00               |
| Interest on security deposit                | 3.32                                      | 2.72                                     | 2.62               |
| Income Tax                                  | 9.31                                      | 7.76                                     | 0.00               |
| <b>Total</b>                                | <b>2,496.53</b>                           | <b>2,180.58</b>                          | <b>2,069.99</b>    |
| <b>Less:</b>                                |                                           |                                          |                    |
| Non-Tariff Income                           | 45.76                                     | 78.35                                    | 74.54              |
| <b>Annual Revenue<br/>Requirement</b>       | <b>2,450.77</b>                           | <b>2,102.23</b>                          | <b>1,995.45</b>    |

DNHPDCL requests the Hon'ble Commission to kindly approve the ARR submitted hereinabove.

## 2.16 Revenue for FY 2016-17

During the FY 16-17, DNHPDCL's actual revenue from retail sales amounted to Rs. 1877.71Crore as against Rs. 2582.51Crore and Rs. 2174.10Crore as approved by the Hon'ble Commission vide its Tariff Order dated 7<sup>th</sup> April, 2016 and 9<sup>th</sup> June, 2017 respectively.

**Table 15: Revenue for FY 2016-17**

| Particulars                        | (Rs. Cr.)                                 |                                          |                    |
|------------------------------------|-------------------------------------------|------------------------------------------|--------------------|
|                                    | FY 16-17<br>Approved (7th<br>April, 2016) | FY 16-17<br>Approved (9th<br>June, 2017) | FY 16-17<br>Actual |
| Revenue from sale of power         | 2,582.51                                  | 2,174.10                                 | 1877.71            |
| Revenue from Surplus<br>Power Sale | 45.95                                     | 0.00                                     | 17.23              |
| <b>Total revenue</b>               | <b>2628.46</b>                            | <b>2174.10</b>                           | <b>1894.94</b>     |

## 2.17 Revenue (Gap)/ Surplus for FY 2016-17

The Hon'ble Commission in Order dated 7<sup>th</sup> April, 2016 has approved a total Aggregate Revenue Requirement of Rs. 2450.77 Crore for FY 16-17. Further, the Commission has computed the revised ARR in the Tariff Order dated 9<sup>th</sup> June, 2017 of Rs. 2102.23 Crore. DNHPDCL has arrived at the trued-up Aggregate Revenue Requirement for FY 16-17 of Rs. 1995.45 Crore.

This revised Aggregate Revenue Requirement is compared against the revised income under various heads including revenue with existing tariff of Rs. 1894.94 Crore. Accordingly, total revenue gap of DNHPDCL for FY 16-17 is computed at Rs. 100.51Crore as depicted in the Table below:

**Table 16: Revenue Gap/Surplus for FY 16-17**

| Particulars                     | (Rs. Cr.)                                |                    |
|---------------------------------|------------------------------------------|--------------------|
|                                 | FY 16-17<br>Approved (9th<br>June, 2017) | FY 16-17<br>Actual |
| Annual Revenue Requirement      | 2102.23                                  | 1,995.45           |
| Revenue from sale of power      | 2174.1                                   | 1,877.71           |
| Revenue from Surplus Power Sale | 0.00                                     | 17.23              |

| Particulars           | FY 16-17<br>Approved (9th<br>June, 2017) | FY 16-17<br>Actual |
|-----------------------|------------------------------------------|--------------------|
| Revenue (Gap)/Surplus | 71.87                                    | (100.51)           |

DNHPDCL requests the Hon'ble Commission to consider the revenue gap of Rs. 100.51Crore for FY 16-17arrived as part of truing up process.

## 2.18 Proposed Surcharge for FY 2017-18

As shown in the table no. 16, the DNHPDCL is incurring a loss of Rs. 100.51 Crore during the FY 2016-17. Further, it is projected that at the current level of retail tariff approved vide. Tariff Order dated 9<sup>th</sup> June, 2017, the DNHPDCL will incur financial loss during the FY 2017-18. Hence, it is proposed that this revenue loss is recovered through levy of surcharge to the HT/EHT consumers of DNHPDCL during the period October, 2017 to March, 2018 so that the DNHPDCL does not incur a financial loss during the FY 2017-18. The computation of the proposed surcharge for the period October, 2017 to March, 2018 is given in the table below:

**Table 17: Proposed Surcharge for FY 17-18**

| Particulars                                                                             | FY 2017-18 |
|-----------------------------------------------------------------------------------------|------------|
| Revenue Loss after True up of FY 2016-17 (Rs. Crore) (a)                                | 100.51     |
| Total Sales approved for the HT/EHT category for FY 2017-18 (MUs) (b)                   | 5643.16    |
| Sales for the period October, 2017 to March, 2018 for the HT/EHT category (MUs) (c=b/2) | 2821.58    |
| Proposed Surcharge (Rs./unit) (d=a*10/c)                                                | 0.36       |

It is also proposed that the surcharge of Rs. 0.36/unit should be levied to the HT/EHT consumers of DNHPDCL.

## Prayer

1. DNHPDCL requests the Honorable Commission to:

- Admit and approve the Trued up Aggregate Revenue Requirement (ARR) for the FY 2016-17.
- Condone any inadvertent omissions/ errors/ shortcomings and permit the Petitioner to add/ change/ modify/ alter this filing and make further submissions as may be required at a future date.
- Submit necessary additional information required by the Commission during the processing of this petition.
- And pass such other and further orders as are deemed fit and proper in the facts and circumstances of the case.

BY THE APPLICANT THROUGH



Chief Engineer  
DNH Power Distribution Corporation Ltd.  
U.T. of Dadra & Nagar Haveli, Silvassa

PETITIONER

DNH Power Distribution Corporation Ltd.

Silvassa

Dated:- 15/09/2017

## **FORMATS**



Format -1

**DNH Power Distribution Corporation Limited**  
**TRUE UP FOR THE FY 16-17**  
**ENERGY DEMAND**  
**FY 2016-17**

| <b>Sr.No.</b> | <b>Category of Consumer</b> | <b>Energy Sale/Demand<br/>(MUs)<br/>Current year<br/>FY 16-17<br/>(Actual)</b> |
|---------------|-----------------------------|--------------------------------------------------------------------------------|
| <b>1</b>      | <b>2</b>                    | <b>3</b>                                                                       |
| 1             | Domestic                    | 104.46                                                                         |
| 2             | Commercial                  | 30.36                                                                          |
| 3             | Agriculture                 | 6.20                                                                           |
| 4             | LT Industry                 | 211.70                                                                         |
| 5             | HT/EHT Industry             | 3,384.17                                                                       |
| 6             | Public Lighting             | 8.27                                                                           |
| 7             | Public Water Works          | 4.55                                                                           |
| 8             | Temp. Supply                | 3.20                                                                           |
| 9             | <b>Total</b>                | <b>3,752.91</b>                                                                |



Format -3

**DNH Power Distribution Corporation Limited  
TRUE UP FOR THE FY 16-17  
ENERGY BALANCE**

(all figures in Mus)

| Sr.No.    | Category of Consumer                      | Current year<br>FY 16-17<br>(Actual) |
|-----------|-------------------------------------------|--------------------------------------|
| <b>1</b>  | <b>2</b>                                  | <b>3</b>                             |
| <b>A)</b> | <b>ENERGY REQUIREMENT</b>                 |                                      |
| 1         | Sales                                     | 3,752.91                             |
| 2         | Open Access Sales                         | 1,984.08                             |
| 3         | Less: Energy Savings                      | 0.00                                 |
| 4         | <b>Total Sales</b>                        | <b>5,736.99</b>                      |
| 5         | Add: Losses                               | 281.42                               |
| 6         | <b>T&amp;D Losses</b>                     | <b>4.68%</b>                         |
| 7         | <b>Energy Required at Periphery</b>       | <b>6,018</b>                         |
| 8         | Add: Sales to common pool consumer        | 95                                   |
| 9         | Less: Own Generation                      | 0.88                                 |
| 10        | Less: Open Access Purchase                | 2,042.50                             |
| (i)       | <b>Total Energy Required at Periphery</b> | <b>4070.43</b>                       |
| (ii)      | Transmission loss                         | 169.01                               |
| 11        | Transmission loss(%)                      | <b>3.99%</b>                         |
| <b>B)</b> | <b>Total Energy to be purchased</b>       | <b>4,239.44</b>                      |
| 1         | Power Purchase from tied up sources       | 6,281.94                             |

[illegible]

\* Support with appropriate paper work i.e. Detailed Project Reports and other documents, as necessary

\*\*\* Provide break up of Government and Licensee/Private share

### Codes for selecting Nature of work

### a. EHV Schemes

b. Distribution schemes

### 1. System augmentation

## II. System improvement

### III. Schemes for loss reduction

### c. Metering schemes

d. Capacitor

e. SCADA / DMS etc

f. Miscellaneous

Format -6

**DNH Power Distribution Corporation Limited**  
**TRUE UP FOR THE FY 16-17**  
**Capital Base and Return**

(all figures in Crs)

| Sr.No. | Category of Consumer                      | Current year<br>FY 16-17<br>(Actual) |
|--------|-------------------------------------------|--------------------------------------|
| 1      | 2                                         | 5                                    |
| 1      | Gross block at beginning of the year      | 427.37                               |
| 2      | Less accumulated depreciation             | 255.89                               |
| 3      | Net block at beginning of the year        | 171.48                               |
| 4      | Less accumulated consumer contribution    | 0.00                                 |
| 5      | Net fixed assets at beginning of the year | 171.48                               |
| 6      | Reasonable return @3% of NFA              | 5.14                                 |

Format -7

**DNH Power Distribution Corporation Limited**  
**TRUE UP FOR THE FY 16-17**  
**Original Cost of Fixed Assets**

(Rs. Crores)

| Sr.No. | Particulars Name of the Assets | Value of assets at the beginning of the FY 2016-17 | Addition during the FY2016-17 | Closing balance at the end of FY2016-17 |
|--------|--------------------------------|----------------------------------------------------|-------------------------------|-----------------------------------------|
| 1      | 2                              | 3                                                  | 4                             | 5                                       |
| 1      | Plant & Machinery              | 366.34                                             | 33.89                         | 400.24                                  |
| 2      | Buildings                      | 11.91                                              | 0.00                          | 11.91                                   |
| 3      | Vehicles                       | 0.58                                               | 0.00                          | 0.58                                    |
| 4      | Furniture & Fixtures           | 0.17                                               | 0.00                          | 0.17                                    |
| 5      | Computers & Others             | 0.99                                               | 0.00                          | 0.99                                    |
| 6      | Land                           | 13.65                                              | 0.00                          | 13.65                                   |
| 7      | Total                          | 393.64                                             | 33.89                         | 427.53                                  |



Format -8  
DNH Power Distribution Corporation Limited  
TRUE UP FOR THE FY 16-17  
Works-in-Progress

(Rs. in crores)

| Sr.No. | Particulars                 | Current year<br>FY 16-17<br>(Actual) |
|--------|-----------------------------|--------------------------------------|
| 1      | 2                           | 3                                    |
| 1      | Opening balance             | 14.78                                |
| 2      | Add: New investments        | 34.06                                |
| 3      | Total                       | 48.84                                |
| 4      | Less investment capitalized | 33.89                                |
| 5      | Closing balance             | 14.95                                |



Format-9

DNH Power Distribution Corporation Limited  
TRUE UP FOR THE FY 16-17  
Interest Capitalized

(Rs. in crores)

| Sr.No. | Particulars                          | Current year<br>FY 16-17<br>(Actual) |
|--------|--------------------------------------|--------------------------------------|
| 1      | 2                                    | 3                                    |
| 1      | WIP*                                 | NA                                   |
| 2      | GFA* at the end of the year          |                                      |
| 3      | WIP+GFA at the end of the year       |                                      |
| 4      | Interest(excluding interest on WCL*) |                                      |
| 5      | Interest Capitalized                 |                                      |

**DNH Power Distribution Corporation Limited**  
**TRUE UP FOR THE FY 16-17**  
**Details of loans for the year**

|        |                                    | (Rs. Crores)    |                  |                          |                           |                         |
|--------|------------------------------------|-----------------|------------------|--------------------------|---------------------------|-------------------------|
| Sr.No. | Particulars (Source)               | Opening Balance | Rate of Interest | Addition during the year | Repayment during the year | Amount of interest paid |
|        |                                    |                 |                  |                          |                           |                         |
| 1      | SLR Bonds                          |                 |                  |                          |                           |                         |
| 2      | Non SLR Bonds                      |                 |                  |                          |                           |                         |
| 3      | LIC                                |                 |                  |                          |                           |                         |
| 4      | REC                                |                 |                  |                          |                           |                         |
| 5      | Commercial Banks                   |                 |                  |                          |                           |                         |
| 6      | Bills discounting                  |                 |                  |                          |                           |                         |
| 7      | Lease rental                       |                 |                  |                          |                           |                         |
| 8      | PFC                                |                 |                  |                          |                           |                         |
| 9      | GPF                                |                 |                  |                          |                           |                         |
| 10     | CSS                                |                 |                  |                          |                           |                         |
| 11     | Working capital loan               |                 |                  |                          |                           |                         |
| 12     | Others                             |                 |                  |                          |                           |                         |
| 13     | Total                              |                 |                  |                          |                           |                         |
|        | Add Govt. loan                     |                 |                  |                          |                           |                         |
|        | -State Govt.                       |                 |                  |                          |                           |                         |
|        | -Central Govt.                     |                 |                  |                          |                           |                         |
| 14     | Total                              |                 |                  |                          |                           |                         |
| 15     | Total (13+14)                      |                 |                  |                          |                           |                         |
| 16     | Less capitalization                |                 |                  |                          |                           |                         |
| 17     | Net interest                       |                 |                  |                          |                           |                         |
| 18     | Add prior period                   |                 |                  |                          |                           |                         |
| 19     | Total interest                     |                 |                  |                          |                           |                         |
| 20     | Finance charges                    |                 |                  |                          |                           |                         |
| 21     | Total interest and finance charges |                 |                  |                          |                           |                         |

N/A



## DNH Power Distribution Corporation Limited

TRUE UP FOR THE FY 16-17

Information regarding restructuring of outstanding loans during the year

|        |                | (Rs. Crores)                            |                      |                                             |                          |                                               |                      |  |  |
|--------|----------------|-----------------------------------------|----------------------|---------------------------------------------|--------------------------|-----------------------------------------------|----------------------|--|--|
| Sr.No. | Source of Loan | Amount of original loan (Rs. in crores) | Old rate of interest | Amount already restructured (Rs. in crores) | Revised rate of interest | Amount now being restructured (Rs. in crores) | New rate of interest |  |  |
| 1      | 2              | 3                                       | 6                    | 7                                           | 8                        | 9                                             | 10                   |  |  |
|        |                |                                         |                      |                                             |                          |                                               |                      |  |  |

N/A

DNH Power Distribution Corporation limited  
TRUE UP FOR THE FY 16-17  
Value of Assets and Depreciation Charges

Format -12

(Rs. Crores)

| Sr.No. | Particulars Name of the Assets | Rate of depreciation* | Previous Year                               |                      |
|--------|--------------------------------|-----------------------|---------------------------------------------|----------------------|
|        |                                |                       | Assets value at the beginning of FY 2016-17 | Depreciation charges |
| 1      | Plant & Machinery              | 5.28%                 | 366.34                                      | 12.93                |
| 2      | Buildings                      | 3.34%                 | 11.91                                       | 0.72                 |
| 3      | Vehicles                       | 9.50%                 | 0.58                                        | 0.03                 |
| 4      | Furniture & Fixtures           | 6.33%                 | 0.17                                        | 0.08                 |
| 5      | Computers & Others             | 6.33%                 | 0.99                                        | 0.15                 |
| 6      | Land                           | 0.00%                 | 13.65                                       | 0.00                 |
| 7      | Total                          |                       | 393.64                                      | 13.91                |

**DNH Power Distribution Corporation Limited**  
**TRUE UP FOR THE FY 16-17**  
**Repair and Maintenance Expenses**

(Rs. in crores)

| Sr.No. | Particulars                                       | Current year<br>FY 16-17<br>(Actual) |
|--------|---------------------------------------------------|--------------------------------------|
| 1      | 2'                                                | 3                                    |
| 1      | Plant & machinery                                 | Breakup not available                |
|        | -Plant & Apparatus                                |                                      |
|        | -EHV substations                                  |                                      |
|        | - 33kV substation                                 |                                      |
|        | - 11kV substation                                 |                                      |
|        | - Switchgear and cable connections                |                                      |
|        | - Others                                          |                                      |
|        | Total                                             |                                      |
| 2      | Building                                          |                                      |
| 3      | Hydraulic works & civil works                     |                                      |
| 4      | Line cable & network                              |                                      |
|        | -EHV Lines                                        |                                      |
|        | - 33kV lines                                      |                                      |
|        | - 11kV lines                                      |                                      |
|        | - LT Lines                                        |                                      |
|        | - Meters and metering equipment                   |                                      |
|        | - Others                                          |                                      |
|        | Total                                             |                                      |
| 5      | Vehicles                                          |                                      |
| 6      | Furniture & fixtures                              |                                      |
| 7      | Office equipments                                 |                                      |
| 8      | Operating expenses                                |                                      |
| 9      | Total                                             |                                      |
| 10     | Add/Deduct share of others (To be specified)      |                                      |
| 11     | Total expenses                                    |                                      |
| 12     | Less capitalized                                  |                                      |
| 13     | Net expenses                                      |                                      |
| 14     | Add prior period *                                |                                      |
|        | Total expenses charged to revenue as R&M expenses | 4.75                                 |

**DNH Power Distribution Corporation Limited**  
**TRUE UP FOR THE FY 16-17**  
**Total Number of Employees**

| Sr.No. | Particulars                                                 | Current year<br>FY 16-17<br>(Actual) |
|--------|-------------------------------------------------------------|--------------------------------------|
| 1      | 2                                                           | 3                                    |
| 1      | Number of employees as on 1st April                         | 120                                  |
| 2      | Employees on deputation/ foreign service<br>as on 1st April | 0                                    |
| 3      | Total number of employees (1+2)                             | 120                                  |
| 4      | Number of employees retired/retiring<br>during the year     | 0                                    |
| 5      | Number of employees added                                   |                                      |
| 6      | Number of employees at the end of the<br>year (4-5)         | 120                                  |



**Electricity Department of Daman & Diu**  
**TRUE UP FOR THE FY 16-17**  
**Employee Cost**

(Rs. in crores)

| Sr.No.   | Particulars        | Current year<br>FY 16-17<br>(Actual) |
|----------|--------------------|--------------------------------------|
|          |                    | <b>Total</b>                         |
| <b>1</b> | <b>2</b>           | <b>3</b>                             |
| 1        | Salaries & Wages   | 11.76                                |
| 2        | Leave Salary       | 0.17                                 |
| 3        | Gratuity           | 0.03                                 |
| 4        | NPS Contribution   | 0.01                                 |
| 5        | Bonus              | 0.27                                 |
| 6        | Pension            | 0.25                                 |
| 7        | <b>Grand total</b> | <b>12.50</b>                         |



DNH Power Distribution Corporation Limited  
TRUE UP FOR THE FY 16-17  
Administration and General Expenses

Format -16

(Rs. in crores)

| Sr.No. | Particulars                                        | Current year<br>FY 16-17<br>(Actual) |
|--------|----------------------------------------------------|--------------------------------------|
| 1      | 2                                                  | 4                                    |
| 1      | Advance Payment Rebate                             | 0.03                                 |
| 2      | Accommodation Expenses                             | 0.01                                 |
| 3      | Advertisement Exp                                  | 0.18                                 |
| 4      | Annual Membership Subscription Fees                | 0.00                                 |
| 5      | Audit Fees                                         | 0.12                                 |
| 6      | Bad & Doubtful Debts                               | 0.00                                 |
| 7      | Books & Periodicals                                | 0.00                                 |
| 8      | Cleaning Services                                  | 0.15                                 |
| 9      | Consultancy Fees                                   | 0.45                                 |
| 10     | Digital Signature Expenses                         | 0.00                                 |
| 11     | Director Sitting Fees                              | 0.06                                 |
| 12     | Discount Expenses                                  | 0.00                                 |
| 13     | Electrical Expenses                                | 0.01                                 |
| 14     | Electricity Charges                                | 0.22                                 |
| 15     | E-Tendering Expenses                               | 0.00                                 |
| 16     | Expenses Write off Account                         | -0.26                                |
| 17     | Fees and Charges of JERC for Filing of Application | 0.49                                 |
| 18     | Freight, Loading & Unloading Expenses              | 0.00                                 |
| 19     | Excess/Short Provision for income Tax              | 0.00                                 |
| 20     | Honorarium Under Recruitment                       | 0.00                                 |
| 21     | Fuel Expenses                                      | 0.04                                 |
| 22     | Gratuity Insurance Premium                         | 0.00                                 |
| 23     | Group Accident Insurance Premium                   | 0.02                                 |
| 24     | Income/Receivables Write Off Account               | 0.01                                 |
| 25     | Innaugration & Ceremony Expenses                   | 0.01                                 |
| 26     | Inspection Charges                                 | 0.00                                 |
| 27     | Interest on Income Tax                             | 0.26                                 |
| 28     | Interest on Service Tax                            | 0.00                                 |
| 29     | Interest on TDS Payable                            | 0.00                                 |
| 30     | JERC Licence Fees                                  | 0.00                                 |
| 31     | Legal Charges                                      | 0.13                                 |
| 32     | Meeting Exp                                        | 0.00                                 |
| 33     | Meter Reading Expenses                             | 0.77                                 |
| 34     | Medical Reimbursement                              | 0.00                                 |
| 35     | Operation Expenses                                 | 0.06                                 |
| 36     | Other Admin Expenses                               | 0.24                                 |
| 37     | Penalty on TDS Payable                             | 0.00                                 |
| 38     | Postage & Courier Expenses                         | 0.01                                 |
| 39     | Preliminary & Preoperative Expenses                | 0.75                                 |
| 40     | Prior Period Items                                 | 0.14                                 |
| 41     | Professional & Technical Charges                   | 0.44                                 |
| 42     | Prompt Payment Rebate                              | 0.71                                 |
| 43     | Recruitment Expenses                               | 0.00                                 |
| 44     | Refreshment Expenses                               | 0.02                                 |
| 45     | Reimbursement of Expenses of WRPC Secretariat      | 0.09                                 |
| 46     | Reimbursement to Directors (Meeting Expenses)      | 0.00                                 |
| 47     | ROC Expenses                                       | 0.00                                 |
| 48     | Safety & Awareness Expenses                        | 0.04                                 |
| 49     | Security Services                                  | 0.15                                 |
| 50     | Stationery & Printing Expenses                     | 0.13                                 |
| 51     | Telephone Expenses                                 | 0.25                                 |
| 52     | Training & Orientation Expenses                    | 0.02                                 |
| 53     | Transaction Charges                                | 0.06                                 |
| 54     | Travelling Expenses                                | 0.01                                 |
| 55     | Vehicle Hire Charges                               | 0.60                                 |
| 56     | Total                                              | 6.44                                 |

**DNH Power Distribution Corporation Limited**  
**TRUE UP FOR THE FY 16-17**  
**Information regarding Bad and Doubtful Debts**

| Sr.No. | Particulars                     | Current year<br>FY 16-17<br>(Actual) |
|--------|---------------------------------|--------------------------------------|
| 1      | 2                               | 3                                    |
| 1      | Amount of receivable            | 1,877.71                             |
| 1      | Provision made for debts in ARR | 0.00                                 |
|        |                                 |                                      |



**DNH Power Distribution Corporation Limited**  
**TRUE UP FOR THE FY 16-17**  
**Information regarding Working Capital for the current and ensuing year**

| Sr.No.   | Particulars                                                                             | Amount (in Crores Rs.)               |
|----------|-----------------------------------------------------------------------------------------|--------------------------------------|
|          |                                                                                         | Current year<br>FY 16-17<br>(Actual) |
| <b>1</b> | <b>2</b>                                                                                |                                      |
| 1        | Receivables of two months of billing                                                    | 312.95                               |
| 2        | Less power purchase cost of one month                                                   | 166.47                               |
| 3        | Less consumer security deposit but<br>excluding Bank Guarantee/Fixed Deposit<br>Receipt | 32.96                                |
| 4        | Inventory for two months based on annual<br>requirement for previous year               | 0.61                                 |
| 5        | <b>Total Working Capital requirement</b>                                                | <b>114.13</b>                        |

Format -19

**DNH Power Distribution Corporation Limited**  
**TRUE UP FOR THE FY 16-17**  
**Information regarding Foreign Exchange Rate Variation (FERV)**  
(Rs. in crores)

| Sr.No. | Particulars                  | Current year<br>FY 16-17<br>(Actual) |
|--------|------------------------------|--------------------------------------|
| 1      | 2                            | 3                                    |
| 1      | Amount of liability provided | N/A                                  |
| 2      | Amount recovered             |                                      |
| 3      | Amount adjusted              |                                      |



**DNH Power Distribution Corporation Limited**  
**TRUE UP FOR THE FY 16-17**  
**Non Tariff Income**

(Rs. in crores)

| Sr.No. | Particulars                                   | Current year<br>FY 16-17<br>(Actual) |
|--------|-----------------------------------------------|--------------------------------------|
| 1      | 2                                             | 3                                    |
| 1      | Reactive Income                               | 0.32                                 |
| 2      | STOA Application Amount                       | 25.75                                |
| 3      | Delay Payment Charges Received from Consumers | 9.13                                 |
| 4      | Recovery of Doubtful Debts                    | 1.99                                 |
| 5      | Discount Received                             | 0.00                                 |
| 6      | Other Income                                  | 0.75                                 |
| 7      | Creditors Write Off Account                   | 0.01                                 |
| 8      | Capacitor Charges                             | 0.00                                 |
| 9      | Interest on Fixed Deposits & Others           | 33.73                                |
| 10     | Licence Fees Income                           | 0.00                                 |
| 11     | Meter Testing Charges                         | 0.04                                 |
| 12     | Name Change Charges                           | 0.00                                 |
| 13     | Other Charges (Indirect)                      | 0.98                                 |
| 14     | Penalty Charges                               | 0.01                                 |
| 15     | Reconnection Charges                          | 0.01                                 |
| 16     | Registration Fees                             | 0.23                                 |
| 17     | Service Connection Charges                    | 0.29                                 |
| 18     | Supervision Charges                           | 1.28                                 |
| 19     | Tender Fees                                   | 0.02                                 |
| 20     | Incentive from IEX for RE Certificates        | 0.00                                 |
| 21     | <b>Total non tariff income</b>                | <b>74.54</b>                         |



Format -21

**DNH Power Distribution Corporation Limited**  
**TRUE UP FOR THE FY 16-17**  
**Information regarding Revenue from Other Business**

*(Rs. in crores)*

| Sr.No. | Particulars                                                                                | Current year<br>FY 16-17<br>(Actual) |
|--------|--------------------------------------------------------------------------------------------|--------------------------------------|
| 1      | 2                                                                                          | 3                                    |
| 1      | Total revenue from other business                                                          |                                      |
| 2      | Income from other business to be<br>considered for licensed business as<br>per regulations | Not Applicable                       |
|        |                                                                                            |                                      |



**DNH Power Distribution Corporation Limited**  
**TRUE UP FOR THE FY 16-17**  
**Lease Details**

| Sr.No.         | Name of Lesser | Gross Assets<br>(Rs.in crores) | Lease entered<br>on | Lease<br>Rentals | Primary period<br>ended/ ending<br>by | Secondary<br>period<br>ending by |
|----------------|----------------|--------------------------------|---------------------|------------------|---------------------------------------|----------------------------------|
| 1              | 2              | 3                              | 4                   | 5                | 6                                     | 7                                |
| Not Applicable |                |                                |                     |                  |                                       |                                  |

**DNH Power Distribution Corporation Limited**  
**TRUE UP FOR THE FY 16-17**  
**Information regarding Wholesale Price Index (All Commodities)**

| Sr.No. | Period                         | WPI/CPI | Increase over previous year |
|--------|--------------------------------|---------|-----------------------------|
| 1      | 2                              | 3       | 4                           |
| 1      | As on April 1 of Previous Year | NA      |                             |
| 2      | As on April 1 of Current Year  |         |                             |
| 3      | As on April 1 of Ensuing Year  |         |                             |
|        |                                |         |                             |



**DNH Power Distribution Corporation Limited**  
**TRUE UP FOR THE FY 16-17**  
**Information regarding amount of equity and loan**

(Rs. in crores)

| Sr.No. | Period                          | Amount<br>of equity (Rs. In<br>crore) | Amount of loan<br>(Rs. in crore) | Ratio of equity &<br>loan |
|--------|---------------------------------|---------------------------------------|----------------------------------|---------------------------|
| 1      | 2                               | 3                                     | 4                                | 5                         |
| 1      | As on March 31 of Previous Year | NA                                    |                                  |                           |
| 2      | As on March31 of Current Year   |                                       |                                  |                           |
| 3      | As on March 31 of Ensuing Year  |                                       |                                  |                           |
|        |                                 |                                       |                                  |                           |



**DNH Power Distribution Corporation Limited**  
**TRUE UP FOR THE FY 16-17**

(Rs. in crores)

| Sr.No. | Particular                                               | Approved (7th April, 2016) | Approved (9th June, 2017) | Actual         |
|--------|----------------------------------------------------------|----------------------------|---------------------------|----------------|
| 1      | Cost of fuel                                             |                            |                           |                |
| 2      | Cost of power purchase                                   | 2393.52                    | 2093.24                   | 1997.61        |
| 4      | Employee costs                                           | 10.47                      | 10.34                     | 12.50          |
| 5      | R&M expenses                                             | 5.93                       | 7.03                      | 4.75           |
| 6      | Administration and General expenses                      | 4.93                       | 4.87                      | 6.44           |
| 7      | Depreciation                                             | 23.03                      | 22.41                     | 13.91          |
| 8      | Interest charges (including interest on working capital) | 27.94                      | 17.15                     | 18.55          |
| 9      | Return on NFA / Equity                                   | 18.08                      | 15.06                     | 13.61          |
| 10     | Provision for Bad Debt                                   | 0.00                       | 0.00                      | 0.00           |
| 11     | Interest on security deposit                             | 3.32                       | 2.72                      | 2.62           |
| 12     | Income Tax                                               | 9.31                       | 7.76                      | 0.00           |
| 13     | <b>Total revenue requirement</b>                         | <b>2496.53</b>             | <b>2180.58</b>            | <b>2069.99</b> |
| 14     | Less: non tariff income                                  | 45.76                      | 78.35                     | 74.54          |
| 15     | Refund of excess FPPCA                                   | 0.00                       | 0.00                      | 0.00           |
| 16     | <b>Net revenue requirement (10-11)</b>                   | <b>2450.77</b>             | <b>2102.23</b>            | <b>1995.45</b> |
| 17     | Revenue from tariff                                      | 2582.51                    | 2174.10                   | 1877.71        |
| 18     | Revenue from UI                                          | 45.95                      | 0.00                      | 17.23          |
| 19     | <b>(Gap)/surplus (12-13)</b>                             | <b>177.69</b>              | <b>71.87</b>              | <b>-100.51</b> |
| 20     | <b>Recovery on account of PPCA variation</b>             | <b>0.00</b>                | <b>0.00</b>               | <b>0.00</b>    |
| 21     | <b>(Gap)/Surplus after adjusting PPC variations</b>      | <b>177.69</b>              | <b>71.87</b>              | <b>-100.51</b> |
| 22     | Energy sales (MU)                                        | 5812.58                    | 4176.19                   | 3752.91        |

