

Chapter 5: Determination of Open Access Charges

5.1 Allocation Matrix

The allocation between wheeling and retail supply business for FY 2020-21 as per the ARR proposed for FY 2020-21 is provided in the table below:

Table 71: Allocation of ARR between Wheeling and Retail Supply

Annual Revenue Requirement Rs. Crs	Allocation (%)		Allocation FY 2020-21	
	Wheeling	Supply	Wheeling	Supply
Fuel Cost	0%	100%	0.00	0.00
Power Purchase Cost	0%	100%	-	3,498.46
Employee	40%	60%	6.64	9.96
R&M	90%	10%	11.86	1.32
A&G	50%	50%	3.63	3.63
Depreciation	90%	10%	19.10	2.12
Interest Cost on Long-term Capital Loans	90%	10%	6.31	0.70
Interest on Working Capital Loans	10%	90%	5.05	45.49
Interest on Security Deposit	10%	90%	0.27	2.43
Return on Equity	90%	10%	23.07	2.56
Income Tax	90%	10%	-	-
Provision for Bad & Doubtful Debt	0%	100%	-	-
Annual Revenue Requirement			75.94	3566.67
Less: Non-Tariff Income	10%	90%	0.51	4.60
Less: Income from other business	50%	50%	-	-
Net Revenue Requirement			75.42	3562.07

5.2 Voltage wise Wheeling Charges

The DNHPDCL has considered the voltage wise losses for FY 2020-21 as considered by the Hon'ble Commission in its Tariff Order for the FY 2019-20. In



order to determine the wheeling charges prudently, the wheeling costs has been allocated on the basis of voltage levels. The wheeling charges are levied for the distribution network utilized by Open Access consumers and primarily comprise of O&M Expenses and other costs as provided in the table above. The criteria for allocation of wheeling costs is elaborated as follows:

- O&M Expenses are allocated on the basis of number of consumers under each category.
- All expenses other than the O&M expenses are allocated on the basis of voltage wise asset allocation.

The voltage wise asset allocation assumed and the number of consumers in each category has been shown as follows:

Table 72: Parameters assumed for voltage wise allocation of wheeling charges

Category	Consumers	Sales (MU)	Asset Allocation (%)	Voltage wise losses (%)	Energy Input
Below 11 kV-LT	80900	458.80	40%	20.89%	579.94
11 kV	921	2,653.07	30%	3.80%	2757.87
66 kV	32	2,275.84	20%	1.50%	2310.49
220 kV	2	1,319.19	10%	0.60%	1327.16
Total	81855	6706.90	100%	3.85%	6975.46

Accordingly the wheeling charge so arrived has been shown in the table below.

Table 73: Wheeling charges proposed for FY 2020-21

Category	O&M	Others	Total	Wheeling Charges (Rs./kWh)
Below 11 kV-LT	21.88	21.32	43.19	0.74
11 kV	0.25	15.99	16.24	0.06
66 kV	0.01	10.66	10.67	0.05
220 kV	0.00	5.33	5.33	0.04
Total	22.13	53.29	75.42	



5.3 Cross Subsidy Surcharge

The DNHPDCL has considered the voltage wise losses for FY 2020-21 as considered by the Hon'ble Commission in its Tariff Order for the FY 2019-20.

The cross-subsidy surcharge has been computed with respect to voltage wise cost of supply. The following approach has been adopted to determine the voltage wise cost of supply:

Voltage Wise losses at each voltage level are assumed for 11 kV, 66 kV and 220 kV voltage levels. The remaining losses are adjusted in the LT voltage level in order to maintain the Intra-State distribution losses at 3.85%, as proposed in the ARR for FY 2020-21. Voltage wise losses assumed at each level has been shown in the table below:

Table 74: Voltage wise losses assumed

Category	Voltage wise losses (%)	Cumulative Voltage wise losses (%)
Below 11 kV-LT	20.89%	20.89%
11 kV	3.80%	5.90%
66 kV	1.50%	2.10%
220 kV	0.60%	0.60%
Total	3.85%	3.85%

Using these losses the energy input at each voltage level is determined based on the energy sales. The table below shows the energy input at each voltage level:

Table 75: Energy Input at each voltage level (MU)

Category	Energy Sales	Losses (%)	Energy Input (MU)
Below 11 kV-LT	458.80	20.89%	579.94
11 kV	2653.07	5.90%	2757.87
66 kV	2275.84	2.10%	2310.49
220 kV	1319.19	0.60%	1327.16
Total	6706.90	3.85%	6975.46

Now the overall ARR proposed for FY 2020-21 is divided into variable and fixed ARR with variable ARR comprising of variable power purchase cost and fixed ARR comprising of all the other costs.

The fixed component comprising of fixed cost of power purchase, O&M etc. is further allocated to each voltage level as per the following principles:

- The fixed cost of power purchase is allocated to each voltage level on the basis of energy input at respective voltage levels.
- The O&M expenses is allocated on the basis of number of consumer
- All remaining fixed cost is allocated on the basis of voltage wise asset allocation assumed earlier.

Table 76: Parameters utilized for allocation of fixed costs

Category	Energy Input (MU)	Asset Allocation (%)	Consumers
Below 11 kV-LT	579.94	40.00%	80900
11 kV	2757.87	30.00%	921
66 kV	2310.49	20.00%	32
220 kV	1327.16	10.00%	2
Total	6975.46	100.00%	81855

The Variable component of the Power purchase cost is allocated on the basis of energy input.

The Voltage wise cost of supply (VCoS) is then determined in the basis of energy sales of respective categories.

Accordingly, the Voltage wise cost of supply for each category is determined as shown in the table below:

Table 77: Voltage wise Cost of Supply (VCoS)

Category	Allocated Fixed Cost (Rs. Crore)	Allocated Variable Cost (Rs. Crore)	Total Cost (Rs. Crore)	Energy Sales (MU)	VCoS (Rs./kWh)
Below 11 kV-LT	191.30	175.82	367.12	458.80	8.00
11 kV	572.64	836.12	1408.75	2,653.07	5.31
66 kV	474.17	700.48	1174.66	2,275.84	5.16
220 kV	270.84	402.36	673.20	1,319.19	5.10
Total	1508.95	2114.78	3623.73	6706.90	

The Voltage Wise Cost of Supply as derived is used to determine the cross subsidy surcharge:

Table 78: Cross-Subsidy Surcharge

Category	VCoS (Rs./kWh)	ABR (Rs./kWh)	Cross-Subsidy (Rs./kWh)
Below 11 kV-LT	8.00	3.99	-4.02
11 kV	5.31	5.66	0.35
66 kV	5.16	5.56	0.40
220 kV	5.10	5.55	0.45

5.4 Additional Surcharge

The Additional Surcharge has been determined as considered by the Hon'ble Commission in its Tariff Order for the FY 2019-20.

Table 79: Additional Surcharge for FY 2020-21

Particulars	FY 2020-21
Total Power Purchase cost	3,498.46
Fixed Cost component in Power Purchase Cost	1369.40
Energy Sales (MU)	6,706.90
Additional Surcharge (Rs/kWh)	2.04

The fixed cost component in power purchase cost has been derived including the fixed charges for all the generating stations and further the transmission charges of PGCIL. The transmission charges of PGCIL is also of the nature of fixed charges as LTOA has been obtained from the PGCIL and transmission charges is required to be paid to PGCIL on a monthly basis on basis of LTOA.

5.5 Application and Agreement Fees

The application and agreement fees are proposed as Rs 5000/- and Rs 50,000/- respectively.



Chapter 6: Compliance of Directives

The Hon'ble Commission vide Tariff Order dated 20th May, 2019 had issued a set of directives to be followed by DNHPDCL to comply with "The Joint Electricity Regulatory Commission for the State of Goa and Union Territories (Multi Year Distribution Tariff) Regulations, 2018."

In line with the directives, DNHPDCL has been taken several steps to comply with the directives. The purpose of this section is to appraise the Hon'ble Commission on progress made by DNHPDCL on this matter since the issuance of the aforesaid tariff order.

A. Directives continued in this Tariff Order

1. Directive 1: Enforcement Cell

The petitioner is directed to submit the status of the functioning of enforcement cell and quarterly progress report detailing number of cases, amount involved, amount of revenue fines recovered, (to be shown separately in ARR), sub-judice cases, and reduction in losses as a consequence.

Compliance/Action taken mentioned in ARR and Tariff Petition for FY 2013-14:

Petitioner's Submission:

It is submitted that the Electricity Department Dadra and Nagar Haveli has a separate division for Lab & Vigilance to monitor and conduct vigilance check on all consumer categories. The quarterly progress report will be submitted to the Hon'ble Commission shortly.

Commission's Comments

Action taken is noted and hereby the petitioner is directed to status report of the progress made in this direction on quarterly basis. The report of the quarter ending March 31'2013 should be sent by April 15'2013.



Compliance/Action taken mentioned in ARR and Tariff Petition for FY 2014-15:**Petitioner's Submission:**

The DNHPDCL would like to submit to that the quarterly progress report will be submitted to the Hon'ble Commission shortly.

Commission's Comments

As petitioner has failed to submit any detailed justification for inordinate delay of submission of report and has also failed to ensure compliance of directions issued by the Commission in previous tariff order, the Commission now directs the petitioner to submit the quarterly progress report upto 31st March 2014 before **30th June 2014** failing which the Commission will be constrained to take appropriate action under various provisions of Electricity Act 2003.

Compliance/Action taken mentioned in ARR and Tariff Petition for FY 2015-16:**Petitioner's Submission:**

The DNHPDCL would like to submit to the Hon'ble Commission that the Enforcement i.e Lab & Vigilance department is looking after the work of Vigilance activity throughout the territory in respect of all the category of consumers. The vigilance check has been kept by the Division of (Lab & Vigilance) for metering arrangement of consumers, their consumption as per their contractual power demand etc.

If any irregularity is observed the same will be informed to the Hon'ble Commission.

Commission's Comments

Action taken is noted. As directed already, quarterly reports shall be submitted on the cases detailed by enforcement cell and revenue recovered.



Compliance/Action taken mentioned in ARR and Tariff Petition for MYT Control Period FY 2016-17 to FY 2018-19:**Petitioner's Submission:**

The DNHPDCL has noted the directive of the Hon'ble Commission and shall comply accordingly.

Commission's Comments

The Petitioner has failed to submit the quarterly reports as envisaged by the Commission. The Petitioner is again directed to submit the quarterly reports on the cases detailed by enforcement cell and revenue recovered from FY 2015-16 to FY 2016-17 (till June) by 31st August 2016.

Compliance/Action taken mentioned in ARR and Tariff Petition for FY 2017-18:**Petitioner's Submission:**

The DNHPDCL has noted the directive of the Hon'ble Commission and shall comply accordingly.

Commission's Comments

The Commission has noted with concern that the Petitioner is yet to submit the details as sought by the Commission. The Commission now directs the Petitioner to ensure compliance of this directive within 2 months of issuance of this Order and submit the desired details for the FY 2015-16 and FY 2016-17, Failing which the Commission will be constrained to take appropriate action Against the Petitioner.

Compliance/Action taken mentioned in ARR and Tariff Petition for FY 2018-19:**Petitioner's Submission:**

The DNHPDCL would like to submit to the Hon'ble Commission that there were no cases under the enforcement cell during the year. If any cases are registered by the enforcement cell, the details of the same shall be submitted to the Hon'ble Commission.

Commission's Comments

The Commission has noted with concern that the Petitioner is yet to submit the details as sought by the Commission. The Commission now directs the Petitioner to ensure compliance of this directive within 2 months of issuance of this Order and submit the desired details for the FY 2016-17 and FY 2018-19, failing which the Commission will be constrained to take appropriate action against the Petitioner.

Petitioner's Submission:

DNHPDCL would like to submit to the Hon'ble Commission that the Enforcement i.e. Lab & Vigilance Department is looking after the work of vigilance activity throughout the territory in respect of the categories of consumer. The vigilance check has been kept for metering arrangement of the consumers, their consumption as per their contractual power demand etc.

Commission's Comments

The Commission has noted with concern that the Petitioner is yet to submit the details as sought by the Commission. The Commission now directs the Petitioner to ensure compliance of this directive within 2 months of issuance of this Order and submit the desired details for the FY 2016-17 and FY 2018-19.

Petitioner's Submission:

The DNHPDCL would like to submit to the Hon'ble Commission that the progress report detailing number of cases, amount involved, amount of revenue fines recovered for the FY 2018-19 and the first two quarters of FY 2019-20 is being enclosed along with this petition as **Annexure IV**.



2. Directive 2: Capital Expenditure:

The petitioner is directed to submit the detailed statement of capital expenditure incurred and capitalization for every quarter, within 15 days in the subsequent quarter.

Compliance/Action taken mentioned in ARR and Tariff Petition for FY 2013-14:**Petitioner's Submission:**

It is submitted that the status of capital expenditure incurred during the first 2 quarters for the current financial year i.e. April, May, June – 2012 and July, August, September – 2012 has been prepared and is being enclosed along with the petition as Annexure III.

Commission's Comments

The submission of the Petitioner is noted. The timeline stipulated for the submission as per the direction should be adhered to and quarterly submissions should be made for the remaining quarters of FY 2012-13 and going forward for the coming years.

Compliance/Action taken mentioned in ARR and tariff Petition for FY 2014-15:**Petitioner's Submission:**

The DNHPDCL would like to submit to the Hon'ble Commission that the actual capital expenditure for FY 12-13 has already been submitted along with the true-up petition. The proposed capital expenditure for FY 13-14 and FY 14-15 has also been submitted in the ARR petition for FY 2014-15. Further, the DNHPDCL will submit the quarterly progress report of capital expenditure as directed by the Hon'ble Commission.



Commission's Comments

The submission of the Petitioner is noted. The timeline stipulated for the submission as per the direction should be adhered to and quarterly submissions should be made for the remaining quarters of FY 2013-14 and going forward for the coming years.

Compliance/Action taken mentioned in ARR and tariff Petition for FY 2015-16:**Petitioner's Submission:**

The DNHPDCL would like to submit to the Hon'ble Commission that the progress Report of Quarterly Capital Expenditure will be submitted to the Hon'ble Commission shortly.

Commission's Comments

Compliance is noted. The quarterly reports on capital expenditure and capitalization shall be reported regularly.

Compliance/Action taken mentioned in ARR and Tariff Petition for MYT Control Period FY 2016-17 to FY 2018-19:**Petitioner's Submission:**

No Response Submitted

Commission's Comments

The quarterly reports on capital expenditure and capitalization shall be reported regularly.

Compliance/Action taken mentioned in ARR and Tariff Petition for FY 2017-18:**Petitioner's Submission:**

The DNHPDCL shall submit the quarterly report on capital expenditure as directed by the Commission.

Commission's Comments

The Commission has noted with concern that Petitioner is yet to submit the details as sought by the Commission. The Commission now directs the Petitioner to ensure compliance of this directive and submit the desired reports on quarterly basis, failing which the Commission will be constrained to take appropriate action against the Petitioner.

Compliance/Action taken mentioned in ARR and Tariff Petition for FY 2018-19:**Petitioner's Submission:**

The DNHPDCL shall submit the quarterly report on capital expenditure as directed by the Commission.

Commission's Comments

The Commission has noted with concern that Petitioner is yet to submit the details as sought by the Commission. The Commission now directs the Petitioner to ensure compliance of this directive and submit the desired reports on quarterly basis, failing which the Commission will be constrained to take appropriate action against the Petitioner. Further, it is observed that the Petitioner has been able to submit capitalisation of only Rs.7.22 cr. in FY 2017-18 and nil in FY 2018-19. The Commission directs the Petitioner to increase its efforts towards capex activities necessary to enhance reliability and quality of supply to consumers.

Compliance/Action taken mentioned in ARR for MYT Control Period FY 2019-20 to FY 2021-22:**Petitioner's Submission:**

The DNHPDCL would like to submit that the Quarterly report will be submitted to the Hon'ble Commission shortly.

Commission's Comments

The Commission has noted with concern that Petitioner is yet to submit the details as sought by the Commission. The Commission now directs the Petitioner to ensure compliance of this directive and submit the desired reports on quarterly basis, failing which the Commission will be constrained to take appropriate action against the Petitioner.

Petitioner's Submission:

The DNHPDCL would like to submit that the Quarterly report will be submitted to the Hon'ble Commission shortly.

3. Directive 3: 100% Metering

Under Section 55(1) of the Electricity Act 2003, no licensee shall supply electricity after expiry of 2 years from the appointed date except through installation of correct meter in accordance with the Regulations to be made in this behalf by the Authority. Accordingly, metering is required to be done in line with the CEA (installation and operation of meters) Regulations 2006 to all consumers. Action plan to install meters for all the unmetered connections may be given by 31st July, 2015.

Compliance/Action taken mentioned in ARR and Tariff Petition for MYT Control Period FY 2016-17 to FY 2018-19:**Petitioner's Submission:**

The DNHDCL would like to submit to the Hon'ble Commission that all the unmetered consumers of the Union Territory shall be metered by the end of FY 2016-17.

Commission's Comments

The Petitioner is directed to meter all consumers at the earliest but not later than 31st March 2017.

Compliance/Action taken mentioned in ARR and Tariff Petition for FY 2017-18

Petitioner's Submission:

The DNHPDCL would like to submit that all the consumers of UT shall be metered by March, 2017.

Commission's Comments

The Commission directs the Petitioner to report the compliance of this directive within 1 month of issuance of this Order.

Compliance/Action taken mentioned in ARR and Tariff Petition for FY 2018-19

Petitioner's Submission:

The DNHPDCL would like to submit to the Hon'ble Commission that all the consumers of the UT except the LIGH consumers are metered. Presently the metering of the LIGH consumers is being done and it is estimated that all the LIGH consumers shall be metered by March, 2018.

Commission's Comments

The Commission directs the Petitioner to report the compliance of this directive within 2 months of issuance of this Order.

Compliance/Action taken mentioned in ARR for MYT Control Period FY 2019-20 to FY 2021-22:

Petitioner's Submission:

The DNHPDCL would like to submit that the work order for supply and installation of single phase meter has been issued. Agency has started the work



of meters. All meters to be installed in rural area/scattered and hence work will be completed before 31.03.2019.

Commission's Comments

The Commission has noted the Petitioner's response and directs the Petitioner to report status of metering within two months of issuance of this Order. Further, the Petitioner is also directed to submit a quarterly report on status of metering in the UT, till 100% metering is achieved.

Petitioner's Submission:

The DNHPDCL would like to submit to the Hon'ble Commission that 100% metering has been achieved in the UT of Dadra and Nagar Haveli.

4. Directive 4: Implementation of Smart Grid

The Petitioner is directed to submit a detailed action plan by 30th September 2016 for roll out of smart grid in DNH within this MYT Control Period.

Compliance/Action taken mentioned in ARR and Tariff Petition for FY 2017-18:**Petitioner's Submission:**

The work of preparation of the project report has been given to PGCIL. The PGCIL shall submit the report by March, 2017.

Commission's Comments

The Commission notes the submission of the Petitioner and directs it to submit the monthly status report on the implementation of smart grid.

Compliance/Action taken mentioned in ARR and Tariff Petition for FY 2018-19:**Petitioner's Submission:**

The DNHPDCL would like to submit that the matter is under consideration of the DNHPDCL and possibility is being explored for the implementation of smart grid in the UT of Dadra and Nagar Haveli.

Commission's Comments

The Commission notes the submission of the Petitioner and directs it to submit the quarterly status report on the implementation of smart grid.

Compliance/Action taken mentioned in ARR for MYT Control Period FY 2019-20 to FY 2021-22:

Petitioner's Submission:

The DNHPDCL would like to submit that the possibility of implementation of Smart Grid in UT of DNH will be explored in due course.

Commission's Comments

The Commission notes the submission of the Petitioner with concern and directs it to submit a detailed action plan by 30th September 2019 for roll out of smart grid in DNH within this MYT Control Period.

Petitioner's Submission:

The DNHPDCL would like to submit that the possibility of implementation of Smart Grid in UT of DNH will be explored in due course.

5. Directive 5: Information for determination of Voltage-wise Wheeling Charges

The Petitioner is directed to provide the details of voltage wise assets and expenses along with the allocation methodology if any for the determination of voltage wise wheeling charges in the next tariff petition.

Compliance/Action taken mentioned in ARR and Tariff Petition for FY 2017-18:

Petitioner's Submission:



The details of voltage wise assets and expenses along with the allocation methodology shall be submitted to the Commission shortly.

Commission's Comments

The Commission observes that the Petitioner is yet to submit the requisite details. The Commission now directs the Petitioner to submit the desired information before 31st August, 2017.

Compliance/Action taken mentioned in ARR and Tariff Petition for FY 2018-19:

Petitioner's Submission:

The details of voltage wise assets and expenses along with the allocation methodology shall be submitted to the Commission shortly.

Commission's Comments

The Commission observes that the Petitioner is yet to submit the requisite details. The Commission now directs the Petitioner to submit the desired information before 31st August 2018.


Compliance/Action taken mentioned in ARR for MYT Control Period FY 2019-20 to FY 2021-22:

Petitioner's Submission:

The DNHPDCL would like to submit that the Information is already submitted to the Hon'ble Commission in the Business plan as well ARR petition filed for FY 2018-19.

Commission's Comments

The Commission notes the compliance by the Petitioner. However, the Petitioner has shown no allocation at EHT level though a few consumers are being supplied at 220 kV. The Commission directs the Petitioner to carry out allocation in scientific manner and submit revised allocation along with Tariff Petition for FY 2020-21.



Petitioner's Submission:

The DNHPDCL would like to submit that the details for the EHT consumers shall be submitted to the Hon'ble Commission shortly.

6. Directive 6: Capital Expenditure

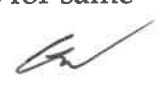
It is noticed that the Petitioner for FY 2017-18, could manage to provide supporting documents for capital expenditure and capitalisation worth Rs. 7.22 Cr only, against approved of Rs.119.02 Cr. in the Tariff Order for FY 2017-18. Further, for FY 2018-19 the Petitioner has proposed nil capitalisation, against an approved of Rs.83.18 Cr. in the MYT Order. Lower capital expenditure has direct impact on the reliability and quality of supply to consumers. Therefore, the Petitioner is directed to ramp up its efforts towards capital expenditure and further take steps towards strengthening the distribution network.

Compliance/Action taken mentioned in ARR for MYT Control Period FY 2019-20 to FY 2021-22:**Petitioner's Submission:**

The DNHPDCL would like to submit that the project of underground cabling work of Silvassa town area along with establishment of 66/11kv GIS Sub-station will be completed during FY 2018-19 and would be capitalised assets of Rs. 60 crore.

Commission's Comments

The Commission observed that though the Petitioner has submitted that INR 60 Crore would be capitalized in FY 2018-19 against the said work, the capitalization submitted in Annual Performance Review is only INR 20.65 Crore. However, the Petitioner has not been able to submit any supporting documents for the same. Therefore, the Petitioner is directed to ramp up its efforts towards capital expenditure and further take steps towards strengthening the distribution network. Further, the Petitioner is directed to submit the claim for capitalization in line with the capitalization already carried out in the first half of the year and provide the supporting documents for same along with the Tariff Petition.



Petitioner's Submission:

The DNHPDCL would like to submit that the details of the capitalization achieved during the FY 2018-19 are being submitted along with this petition in the Fixed Asset Register for the FY 2018-19.

7. Directive 7: Assets created from consumer contribution

The Petitioner has failed to submit the details of assets created through consumer contribution. During the Technical Validation Session, the Petitioner confirmed that some of the assets have been created by consumer contribution however the Petitioner couldn't submit the details for the same. The Petitioner is not entitled to get depreciation on these assets. The Commission has currently considered entire GFA towards depreciation and will reduce the depreciation in future, once the details of consumer contribution is made available. The Commission directs the Petitioner to submit detailed scheme wise consumer contributions, the impact of which shall be accounted by Commission in future Tariff Orders.

Compliance/Action taken mentioned in ARR for MYT Control Period FY 2019-20 to FY 2021-22:**Petitioner's Submission:**

The DNHPDL would like to submit that as per the approved Accounting policy of the corporation, an item of Property acquired on contribution made by consumer which requires an obligation to provide the electricity to the consumers is recognized at nominal value of Rs. 1. Hence, the aspect of the calculation of the depreciation on these assets and adjustments thereof would not arise. Relevant page of the Accounting policy is enclosed. (Annexure-V).

Commission's Comments

The Commission notes the Petitioner's submission. The Commission directs the Petitioner to submit a separate list of assets created out of Consumer Contribution to the Commission within two months of issuance of this Order.

Petitioner's Submission:

The DNHPDCL would like to submit that the fixed assets register containing the details of assets created from consumer contribution and recognized at a nominal value of Rs. 1 is already submitted to the JERC through mail. Further, the fixed assets register for the FY 2018-19 has also been audited by the statutory auditor and the Govt. Auditor. Accordingly, this directive may kindly be treated as complied with.



Tariff Schedule

General Terms and Conditions:

1. The tariffs are exclusive of electricity duty, taxes and other charges levied by the Government or other competent authority from time to time which are payable by the consumers in addition to the charges levied as per the tariffs.
2. Unless otherwise agreed to, these tariffs for power supply are applicable for supply at one point only.
3. Supply to consumers having contracted load between 100 KVA to 4000 KVA (including licensee common feeders and express feeders/dedicated feeders) shall generally be at 11 KV and for more than 4000 KVA up to 25000 KVA at 66 KV. For the consumer who requires load more than 25000 KVA, the supply voltage shall be at 220 KV level.
4. If energy supplied for a specific purpose under a particular tariff is used for a different purpose not contemplated in the contract for supply and/or for which a higher tariff is applicable, it will be deemed as unauthorized use of electricity and shall be dealt with for assessment under the provisions of Section 126 of the Electricity Act, 2003 & Supply Code Regulation notified by JERC.
5. If connected load of a domestic category is found to be at variance with the sanctioned/contracted load as a result of replacement of appliances such as lamps, fans, fuses, switches, low voltage domestic appliances, fittings, it shall not fall under Section 126 and Section 135 of the EA 2003.
6. **Power Factor Charges** - LT and Agriculture Connection running without proper capacitors installed so as to maintain Power Factor of 0.85 as per the Supply Code Regulations 2018 shall be charged extra 2.5% of units consumed as additional power factor charges. Payment of the power factor charge won't exempt the consumer from his responsibility to maintain the power factor. The conditions for disconnection of a consumer supply in case of non-achievement of minimum level of power factor as prescribed in the Supply Code Regulations notified by JERC, shall apply. DNHPDCL may



install a suitable capacitor at its own cost and recover the cost thereof as arrears of energy charges. In case the monthly average power factor is less than 0.70 lagging, the installation is liable for disconnection after due notice.

7. If the consumer fails to pay the energy bill presented to him by the due date, the Department shall have the right to disconnect the supply after giving 15 days' notice as per the provisions of the Act and the Supply Code Regulations.
8. Fixed charges, wherever applicable, will be charged on pro-rata basis from the date of release of connection. Fixed charges, wherever applicable, will be double as and when bi-monthly billing is carried out. Similarly, slabs of energy consumption will also be considered accordingly in case of bi-monthly billing.
9. The billing in case of HT/EHT shall be on the maximum demand recorded during the month or 85% of contracted demand, whichever is higher. If in any month, the recorded maximum demand of the consumer exceeds its contracted demand, that portion of the demand in excess of the contracted demand shall be billed at double the normal rate. Similarly, energy consumption corresponding to excess demand shall also be billed at double the normal rate. The definition of the maximum demand would be in accordance with the provisions of the Supply Code Regulation. If such over-drawal is more than 20% of the contract demand then the connections shall be disconnected immediately.

Explanation: Assuming the contract demand as 100 KVA, maximum demand at 120 KVA and total energy consumption as 12000 kWh, then the consumption corresponding to the contract demand will be 10000 kWh ($12000 \times 100 / 120$) and consumption corresponding to the excess demand will be 2000 kWh. This excess demand of 20 KVA and excess consumption of 2000 kWh will be billed at twice the respective normal rate. Such connections drawing more than 120 kVA, shall be disconnected immediately.



10. Unless specifically stated to the contrary, the figures of energy charges relate to paisa per unit (kWh) charge for the energy consumed during the month.
11. Delayed payment surcharge shall be applicable to all categories of consumers. Delayed payment surcharge of 2% per month or part thereof shall be levied on all arrears of bills. Such surcharge shall be rounded off to the nearest multiple of one rupee. Amount less than 50 paisa shall be ignored and amount of 50 paisa or more shall be rounded off to the next rupee. In case of permanent disconnection, delayed payment surcharge shall be charged only up to the month of permanent disconnection.
12. **Advance Payment Rebate:** If payment is made in advance well before commencement of the consumption period for which the bill is prepared, a rebate @ 1% per month shall be given on the amount (excluding security deposit) which remains with the licensee at the end of the month. Such rebate, after adjusting any amount payable to the licensee, shall be credited to the account of the consumer.
13. **Prompt Payment Rebate:** If payment is made at least 7 days in advance of the due date of payment, a rebate for prompt payment @ 0.25 % of the bill amount shall be given. Those consumers having arrears shall not be entitled for such rebate.
14. The adjustment on account of Fuel and Power Purchase Cost variation shall be calculated in accordance with the FPPCA formula notified in Chapter 8 of this Order. Such charges shall be recovered/refunded in accordance with the terms and conditions specified in the FPPCA formula.
15. The values of the 'K' factor applicable for the different consumer categories for use in the FPPCA formula shall be as specified in this Tariff Order for the FY 2020-21.

The detailed tariff Schedule is outlined as under:



DETAILED TARIFF SCHEDULE**I. (A) Domestic Category**

This schedule shall apply to private houses, hostels, hospitals run on Non-commercial lines, Charitable, Educational and Religious Institutions for Light, Fans, Radios, Domestic Heating and other household appliances including water pumps up to 2 HP.

1. Energy Charges

Usage(Units/Month)	Energy Charge (Ps./Unit)
0-50 units	130
51-200 units	200
201-400 units	250
401 and above	360

2. Fixed Charges

Usage(Rs./Con/Month)	Fixed Charge
0-50 units	5.00 Rs./Con/Month
51-200 units	5.00 Rs./Con/Month
201-400 units	5.00 Rs./Con/Month
401 and above	5.00 Rs./Con/Month

(B) Power Supply to Low Income Group (Up to 2x40 W bulbs only)

Power supply to low income group connections will be charged at INR10 per service connection per month. For any unauthorized increase in the load beyond 2*40 watts, penal charges at the rate of INR20 per month per point will be levied and the installation will be liable for disconnection.

II. Non-Domestic Category/Commercial


This includes all categories which are not covered by other tariff categories including Domestic Category, Low Income Group, Industrial LT, HT/EHT Category (A&B), Agriculture and Poultry, Public Lighting.

This schedule shall apply to Shops, Offices, Restaurants, Bus Stations, Photo Studios, Laundries, Cinema Theatres, Industrial Lighting, clubs and other Commercial installations.

1. Energy Charges

Usage(Units/Month)	Energy Charge (Ps./Unit)
1-100 units	280
101 units and above	440

2. Fixed Charges

Usage(Rs./Con/Month)	Fixed Charge
1-100 units	5.00 Rs./Con/Month
101 units and above	5.00 Rs./Con/Month

III. LT Category

This schedule shall apply to all Low Tension Industrial Motive Power Connections including water works/pumps with sanctioned load up to 99 HP.

A. LTP Motive Power

1. Energy Charges

Usage(Units/month)	Energy Charge (Ps./kVAh)-
Up to 20 HP	480
Above 20 HP	495

2. Fixed Charges



	Fixed charge (Rs./HP/month) or part thereof
Up to 20 HP	10.00 Rs./HP/Month
Above 20 HP	50.00 Rs./HP/Month

B. LT Public Water Works

3. Energy Charges

Usage(Units/month)	Energy Charge (Ps./Unit)-
Up to 20 HP	430
Above 20 HP	430

4. Fixed Charges

	Fixed charge (Rs./HP/month) or part thereof
Up to 20 HP	25.00 Rs./HP/Month
Above 20 HP	50.00 Rs./HP/Month

5. Power Factor Charges

- a. LT Connection running without proper capacitors installed so as to maintain Power Factor of 0.85 as per the Supply Code Regulations 2018 shall be charged extra 2.5% of units consumed as additional power factor charges. Payment of the power factor charge won't exempt the consumer from his responsibility to maintain the power factor. The conditions for disconnection of a consumer supply in case of non-achievement of minimum level of power factor as prescribed in the Supply Code Regulations notified by JERC, shall apply. DNHPDCL may install a suitable capacitor at its own cost and recover the cost thereof as arrears of energy charges. In case the monthly average power factor is less than 0.70 lagging, the installation is liable for disconnection after due notice.



IV. HT/EHT Category**A. HT 11 kV supply**

This schedule shall apply to all Industrial/Motive power/ Ferro Metallurgical / Steel Melting / Steel Rerolling / Power Intensive consumers drawing through 11 kV systems.

1. Fixed Charges(Demand Charges)

For Billing Demand	Charges (Rs./KVA/month) or part thereof
Up to Contract Demand	Rs. 375/-
In Excess of Contract Demand	Rs 750/-

2. Energy Charges

Usage(Units/Month)	Tariff (Ps./kVAh)
All units	465

B. HT 66 kV supply

This schedule shall apply to all Industrial/Motive power/ Ferro Metallurgical / Steel Melting / Steel Rerolling / Power Intensive consumers drawing through 66 kV systems

1. Fixed Charges(Demand Charges)

For Billing Demand	Charges (Rs./KVA/month) or part thereof
Up to Contract Demand	Rs. 500/-
In Excess of Contract Demand	Rs 1000/-

2. Energy Charges


Usage(Units/Month)	Tariff (Ps./kVAh)
All units	460

C. HT 220 kV supply

This schedule shall apply to all Industrial/Motive power/ Ferro Metallurgical / Steel Melting / Steel Rerolling / Power Intensive consumers drawing through 220 kV systems

1. Fixed Charges(Demand Charges)

For Billing Demand	Charges (Rs./KVA/month) or part thereof
Up to Contract Demand	Rs. 550/-
In Excess of Contract Demand	Rs 1100/-

2. Energy Charges

Usage(Units/Month)	Tariff (Ps./kVAh)
All units	455

V. Agriculture and Poultry

This schedule shall apply to Agriculture or poultry loads up to 99 HP sanctioned load will be considered in this category.

1. Energy Charges

Usage	Tariff (Ps./Unit)
For connected load upto 10 HP	70
Beyond 10 HP	100

1. Power Factor Charges



Agriculture Connection running without proper capacitors installed so as to maintain Power Factor of 0.85 as per the Supply Code Regulations 2018 shall be charged extra 2.5% of units consumed as additional power factor charges. Payment of the power factor charge won't exempt the consumer from his responsibility to maintain the power factor. The conditions for disconnection of a consumer supply in case of non-achievement of minimum level of power factor as prescribed in the Supply Code Regulations notified by JERC, shall apply. DNHPDCL may install a suitable capacitor at its own cost and recover the cost thereof as arrears of energy charges. In case the monthly average power factor is less than 0.70 lagging, the installation is liable for disconnection after due notice.

VI. Public Lighting

1. Energy Charges

Usage	Tariff (Ps./Unit)
For all units	380

VII. HOARDINGS/SIGNBOARDS

This schedule shall apply to electricity for lighting external advertisements, external hoardings and displays at departments stores, malls, multiplexes, theatres, clubs, hotels, bus shelters, Railway Stations shall be separately metered and charged at the tariff applicable for "Advertisements and Hoardings" category, except such displays which are for the purpose of indicating / displaying the name and other details of the shop, commercial premises itself. Such use of electricity shall be covered under the prevailing tariff for such shops or commercial premises. The connection for "Advertisements and Hoardings" category would be covered under the permanent supply of connection.

Energy Charges (Paise /kWh)	Fixed Charge
700	Rs. 100 per kVA per month or part thereof



VIII. Electric Charging Station

This tariff schedule shall apply to consumers that have set up Public Charging Stations (PCS) in accordance with the technical norms/ standards/specifications laid down by the Ministry of Power, GoI and Central Electricity Authority (CEA) from time to time. The tariff for domestic consumption shall be applicable for domestic charging (LT/HT).

Energy Charges (Paise /kWh)	Fixed Charge
450	Rs. 100 per kVA per month or part thereof

Temporary Supply:

The Temporary Tariff is applicable for a temporary period of supply for a period of maximum one (1) year at a time, which may be further extended, as per the provisions of Supply Code Regulations.

Tariff for Temporary Connection shall be Fixed/ Demand charges (if any) plus energy charges (for relevant slab, if any) under corresponding permanent supply category plus 50% of both.

For multi activity pursuit, applicable tariff for temporary connection shall be with reference to that of non-domestic category for permanent supply.

IX. Schedule of Other Charges

a. Monthly Meter Rental Charges(as per provisions of Regulation 7.3 (1) of JERC (Electricity Supply Code) Regulations 2010)

S.No.	Meter type	Tariff (in Rs.)/Month or part thereof
1	Single Phase	Rs 10
2	Three Phase	Rs 25
3	LT Meter with MD indicator	Rs 200
4	Tri- vector Meter	Rs 500

Note: The type of meters to be installed in consumer premises will be decided by the department. Generally the consumers having connected load above 50 HP will be provided with L.T.M.D meters

b. Reconnection Charges(as per provisions of Regulation 9.3 (c) of JERC (Electricity Supply Code) Regulations 2010

S.No.	Connection type	Tariff (in Rs.)/Month or part thereof
1	Single Phase	Rs 50
2	Three Phase	Rs 100
3	HT	Rs 1000

Note: If the same consumer seeks reconnection within 12 months from the date of reconnection or disconnection, 50% will be added to above charges.

c. Testing Fee for Various Metering Equipments (as per provisions of Regulation 7.4 of JERC (Electricity Supply Code) Regulations 2010

S.No.	Connection Type	Fee per unit (in Rs.)
1	Single Phase	100
2	Three Phase	300
3	Three Phase Tri-vector Meter (0.5 Class) Industrial LT Consumer	500
4	Three Phase Tri-vector Meter (0.5 Class) 11 KV HT Consumer	500
5	Three Phase Tri-vector Meter (0.2 Class) 66KV EHT Consumers	1000
6	Combined CTPT Unit for 11 KV Consumer	500
7	66 KV CT / PT Unit	500
8	Three Phase CT Block	300
9	CT Coil	100

d. Service Connection Charges(as per provisions of Regulation 3.3 (3) of JERC (Electricity Supply Code) Regulations 2010



S.No.	Connection type	Tariff (in Rs.)/Month or part thereof
1	Single Phase	Rs 250
2	Three Phase	Rs 1000
3	HT (First 500 KVA)	Rs 10000
4	HT (Beyond 500 KVA)	Rs 1000 per 100 KVA or part thereof
5.	Extra Length - Single Phase	Rs. 25/- per meter
6.	Extra Length - Three Phase	Rs. 50/- per meter

Extra length chargeable will be beyond the permissible 30 meters free length from existing network for new connections for all categories except agriculture. Free length in respect of new agriculture consumer is 300 meters.

Entire Cost of setting up HT connection would be borne by the consumer and the agreement period would be two years for the category. 15% supervision charges shall be recovered by DNHPDCL.

e. Fees (Non-refundable) for submission of Test Report of wiring Completion

S.No.	Types of Connection	Fee per test report (in Rs.)
1	Single Phase Lighting / Domestic	10
2	Three Phase Lighting / Domestic	25
3	Single Phase Lighting / Non Domestic	50
4	Three Phase Lighting / Non Domestic	100
5	Three Phase LT Industries	250
6	Single Phase / Three phase Agriculture / Streetlight / Public Lighting & others	50
7	HT Industries upto 500 KVA	1000
8	HT Industries upto 2500 KVA	5000

S.No.	Types of Connection	Fee per test report (in Rs.)
9	HT Industries above 2500 KVA	10000

f. Registration for Change of Name

S.No	Connection Type.	Fee per unit (in Rs.)
1.	1 Q Domestic / commercial	100
2.	3 Q Domestic / commercial	200
3.	LT Industries	500
4.	HT Industries	1000
5.	EHV Industries	2000

g. Shifting of meter

S.No	Connection Type.	Fee per unit (in Rs.)
1.	1 Q Domestic / commercial	100
2.	3 Q Domestic / commercial	200
3.	LT Industries	500



Prayer

1. DNHPDCL prays the Honorable Commission to:

- Admit and approve the Aggregate Revenue Requirement (ARR) for the FY 2020-21 and revised estimates for the FY 2019-20 as submitted herewith.
- Admit and approve the Trued up ARR for FY 2018-19.
- Approve the tariff schedule as proposed by the DNHPDCL under Table no.70.
- 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.
- Allow to submit necessary additional information required by the Commission during the processing of this petition.
- And pass such other orders and further orders as are deemed fit and proper in the facts and circumstances of the case.

BY THE APPLICANT THROUGH

PETITIONER
DNH Power Distribution Corporation Ltd.

Silvassa

Dated: - 06-12-2019


Chief Engineer 6/12
DNH Power Distribution Corporation Ltd.
U.T. of Dadra & Nagar Haveli, Silvassa

FORMATS

DNH Power Distribution Corporation Limited
ANNUAL REVENUE REQUIREMENT FOR THE FY 2020-21
ENERGY DEMAND
FY 2018-19

Sr.No.	Category of Consumer	No. of Consumers at the end of FY 18-19 (Nos.)	Connected Load	Energy Sale/Demand (MUs)	HT sales in kVAh
1	2	3	4	5	6
1	Domestic	47,402	1,05,192.00	128.60	
2	LIG/ Kutir Jyoti	15,089	1,585.00		
3	Commercial	7,980	27,865.00	34.20	
4	Agriculture	1,366	5,935.00	7.23	
5	LT Industry	2,077	1,19,051.00	216.07	
6	HT/EHT Industry	930	11,77,554.00	5,670.85	5727.49
7	Public Lighting	398	2,886.00	5.80	
8	Public Water Works	434	3,272.00	6.24	
9	Temp. Supply	379	2,537.00	3.43	
10	Total	76,055	14,45,877.00	6,072.42	



DNH Power Distribution Corporation Limited
ANNUAL REVENUE REQUIREMENT FOR THE FY 2020-21
ENERGY DEMAND
FY 2019-20

Sr.No.	Category of Consumer	No. of Consumers at the end of FY 19-20 (Nos.)	Connected Load	Energy Sale/Demand (MUs)	HT sales in kVAh
1	2	3	4	5	6
1	Domestic	49,706	1,09,253.00	153.11	
2	LIG/ Kutir Jyoti	15,302	1,690.00		
3	Commercial	8,155	29,091.00	38.38	
4	Agriculture	1,421	6,095.00	5.58	
5	LT Industry	2,091	1,22,265.00	221.66	
6	HT/EHT Industry	943	11,97,690.00	5,971.71	6032.03
7	Public Lighting	424	3,077.00	3.40	
8	Public Water Works	473	3,710.00	5.15	
9	Temp. Supply	379	2,537.00	3.59	
10	Total	78,894	14,75,408.00	6,402.60	



DNH Power Distribution Corporation Limited
ANNUAL REVENUE REQUIREMENT FOR THE FY 2020-21
ENERGY DEMAND
FY 2020-21

Sr.No.	Category of Consumer	No. of Consumers at the end of FY 20-21 (Nos.)	Connected Load	Energy Sale/Demand (MUs)	HT sales in kVAh
1	2	3	4	5	6
1	Domestic	52,121	1,13,470.00	168.09	
2	LIG/ Kutir Jyoti	15,517	1,801.00		
3	Commercial	8,333	30,371.00	39.45	
4	Agriculture	1,479	6,260.00	6.02	
5	LT Industry	2,104	1,25,566.00	232.65	
6	HT/EHT Industry	955	12,18,170.00	6,248.10	6311.21
7	Public Lighting	451	3,281.00	3.55	
8	Public Water Works	516	4,207.00	5.41	
9	Temp. Supply	379	2,537.00	3.63	
10	Total	81,855	15,05,663.00	6,706.90	

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DNH Power Distribution Corporation Limited
ANNUAL REVENUE REQUIREMENT FOR THE FY 2020-21
ENERGY BALANCE

(all figures in Mus)

Sr.No.	Category of Consumer	Previous year FY 2018-19 (Actual)	Current Year FY 2019-20 (RE)	Ensuing Year FY 2020-21 (Projections)
1	2	3	4	5
A)	ENERGY REQUIREMENT			
1	Energy sales to metered category within the State/UT	6,072.42	6,402.60	6,706.90
2	Energy sales to Agriculture consumers			
3	Total sales within the State/UT	6,072.42	6,402.60	6,706.90
4	Sales to common pool consumers/ UI		0.15	-0.35
5	Sales outside state/UT	0.00		
6	Sales to electricity traders & through PX			
7	Sales to other distribution licensees a) Bilateral Trade b) Banking Arrangement			
8	Total sales	6,072.42	6,402.75	6,706.55
9	T&D losses			
(i)	%	3.93%	3.90%	3.85%
(ii)	MU	248.21	259.83	268.56
10	Total energy requirement	6,320.63	6,662.58	6,975.10
B)	ENERGY AVAILABILITY			
1	Net own generation	5.38	5.38	5.38
2	Net Purchase	6,128.26	6,224.37	5,234.09
3	Power Purchased from UI & IEE	619.25	660.65	1,927.20
4	Net power purchase (1 +2 +3)	6,752.89	6,890.40	7,166.67
9	Total energy availability	6,752.89	6,890.40	7,166.67

DNR Power Distribution Corporation Ltd.
ANNUAL REVENUE REQUIREMENT FOR THE FY 2020-21
POWER PURCHASE COST
FY 18-19 (Actual) Total

Sr.No.	Source	Capacity (MW)	Firm allocation to Licensee (in MW)	Gen. (MU)	Availability/ PLF (%)	Licensee share (%)	Purchase (MU)	VC (Rs./Unit)	FC (Rs./Cr)	VC (Rs./Cr)	Others (Rs./Cr)	Rebate	Credit/Debit for URs	RRAS Settlement	Total - Gross (Rs./Cr)
1	NTPC Stations	2													
1	KSTPP-182	2,100	53.64	16,372	80.00%	2.55%	351.08	138.00	23.48	48.45	-0.17	0.00	0.00	0.00	71.77
2	KSTPP-3	500	18.82	3,942	90.00%	3.76%	161.69	138.81	20.70	22.44	-0.04	0.00	0.00	0.00	43.10
3	VSTPP-4	1,260	43.41	9,492	85.00%	3.45%	292.24	152.36	23.81	47.45	1.71	0.00	0.00	0.00	72.97
4	VSTPP-II	1,000	35.07	7,446	85.00%	3.31%	231.82	153.69	15.19	35.60	1.70	0.00	0.00	0.00	52.50
5	VSTPP-III	1,000	35.07	7,534	86.00%	3.51%	234.27	155.18	24.28	39.48	1.38	0.00	0.00	0.00	65.13
6	VSTPP-IV	1,000	38.80	7,534	86.00%	3.89%	243.03	156.22	43.14	53.59	6.82	0.00	0.00	0.00	108.35
7	KAWAS	656	81.23	2,289	40.00%	12.35%	287.51	273.92	50.17	81.49	0.94	0.00	0.00	0.00	132.60
8	UGPP	657	55.73	2,419	42.00%	8.93%	123.87	250.60	44.95	31.04	0.09	0.00	0.00	0.00	75.78
9	Shilpi-I	1,980	74.83	15,810	80.00%	3.78%	639.65	132.85	77.46	84.88	0.81	0.00	0.00	0.00	163.24
10	Shilpi-II	1,000	31.68	7,884	90.00%	3.17%	221.48	137.15	25.70	30.38	-0.25	0.00	0.00	0.00	55.83
11	MSTPL-1	1,000	43.14	4,205	48.00%	4.31%	213.88	296.02	54.83	63.34	4.08	0.00	0.00	0.00	122.25
12	VSTPP-V	500	22.17	3,787	88.00%	4.43%	182.80	155.29	28.67	28.39	1.01	0.00	0.00	0.00	58.07
13	Mauda-2	1,320	52.49	5,550	48.00%	3.95%	289.93	286.75	52.94	84.28	0.89	0.00	0.00	0.00	138.12
14	Solarur	1,320	65.46	6,938	60.00%	4.95%	72.74	389.94	52.56	28.38	1.45	0.00	0.00	0.00	82.37
15	LARA	1,600	10.48	11,914	85.00%	0.65%	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
16	Gadawara	800	37.02	5,657	85.00%	4.83%	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
17	BARH	1,320	0.00	9,829	85.00%	0.00%	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
18	Dhuwara	1,980	0.00	14,743	85.00%	0.00%	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
19	Kharasraon	1,320	0.00	9,828	85.00%	0.00%	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
20	FSTPS	0	0.00	0	0.00%	0.00%	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
21	KSTPS-I	0	0.00	0	0.00%	0.00%	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
22	RSTPS	0	0.00	0	0.00%	0.00%	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
23	TSTPS	0	0.00	0	0.00%	0.00%	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
24	KSTPP-II	1,000	3.50	6,833	78.00%	0.35%	21.84	216.38	2.31	4.73	-0.00	0.00	0.00	0.00	7.03
25	Subtotal	23,313.58	683.06	1,60,086.87			3,701.91	185	544.91	683.97	20.23	1.24	-0.04	4.48	1,243.34
26	NSPCL - Bhilai	500	100.00	3,911	87.00%	20.00%	615.89	229.42	112.56	141.29	-1.93	0.00	0.00	3.05	248.88
27	NSPCL - Rourkela		0.00												
28															
29	KPPS	440	13.86	2,775	72.00%	3.15%	22.83	258	0.00	5.93	0.00	0.00	0.00	0.00	5.93
30	TAPP 3&4	1,080	45.65	7,569	80.00%	4.23%	295.70	312	0.00	92.44	0.00	0.00	0.00	0.00	92.44
32	Subtotal	1,520	60	10,344			319.32	308	0.00	88.28	0.00	0.00	0.00	0.00	88.28
33	Others														
34	RGPP	1,987	38.00	14,129	82.00%	1.93%	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
35	Tate Power - Haldia	0	0.00	0	0.00%	0.00%	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
36	EMCO	200	200.00	1,577	90.00%	100.00%	1,491.14	206	454.67	307.36	0.41	0.00	0.00	0.00	762.45
37	Subtotal	2,167	238	15,706			1,491.14	206	454.67	307.36	0.41	0.00	0.00	0.00	762.45
38	Power purchase from Other Sources														
39	Indian E. Exchange/Bilateral	0	0.00	0			284.41	0	0.00	114.95	0.00	0.00	0.00	0.00	114.95
40	UI	0	0.00	0			238.50	271	0.00	64.58	0.00	0.00	0.00	0.00	64.58
41	Solar	0	0.00	0			5.38	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
42	Non Solar	50	0.00	175			0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
43	Solar REC	0	0.00	0			0.00	0	0.00	39.47	0.00	0.00	0.00	0.00	39.47
44	Non Solar REC	0	0.00	0			0.00	0	0.00	1.00	0.00	0.00	0.00	0.00	1.00
45	Solar (SEC)	100	0.00	678			0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
46	Wind (SEC)	100	0.00	876			0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
47	Subtotal	250	0	1,927			538.29	409	0.00	220.00	0.00	0.00	0.00	0.00	220.00
48	Misc. Areas						6,666.55		1,112.15	1,451	18.71	1	-0	8	2,572.94
49	Power Purchase Cost	27,751	1,091	1,89,956			0.00			1430.90	18.71	1.24	-0.04	7.53	2572.94
50	External Losses						6,666.55		1,112.15	1,450.90	18.71				344.42
51	Availability at ED-DNR Periphery														0.75
52	PGCIL CHARGES														0.00
53	POSOCO														0.00
54	WRPC														0.11
55	Reactive charges														42.02
56	MSTCL														2,960.23
57	Others														81.86
58	Total of Charges						6,666.55		1,112.15	1,450.90	18.71				3,041.88
59	GRF - Change in Law														58.82
60	Less Rebate														1.24
61	Add: Interest														2,984.31
62	Grand Total of All Charges														

DNH Power Distribution Corporation Ltd.
ANNUAL REVENUE REQUIREMENT FOR THE FY 2020-21
POWER PURCHASE COST
FY 19-20 (RE) Total

Sr.No.	Source	Capacity (MW)	Firm allocation to Licensee (in MW)	Gen. (MU)	Availability/ PLF (in %)	Licensee share (%)	Purchase (MU)	VC (Rs./Unit)	FC (Rs. Cr)	VC (Rs. Cr)	Others (Rs. Cr)	Rebate	Credit/Debit for URS	RRAS Settlement	Total - Gross (Rs. Cr)	
															10	11
1	2	3	4	5	6	7	3	4	5	6	7	8	9	10	11	
I	NTPC Stations															
1	KSTPP 1&2	2,100	53.64	16,372	89.00%	2.55%	382.49	145.29	26.84	57.03	0.10	0.00	0.00	0.00	83.96	
2	KSTPS 3	500	18.82	3,842	80.00%	3.76%	127.11	140.57	16.70	17.87	-0.09	0.00	0.00	0.00	34.48	
3	VSTPP-I	1,260	43.41	9,492	86.00%	3.45%	311.90	182.03	27.26	56.78	1.29	0.00	0.00	0.00	85.32	
4	VSTPP-II	1,000	33.07	7,446	86.00%	3.31%	271.53	173.22	15.60	38.37	0.84	0.00	0.00	0.00	54.91	
5	VSTPP-III	1,000	35.07	7,534	86.00%	3.51%	265.00	175.30	25.57	47.25	0.94	0.00	0.00	0.00	74.76	
6	VSTPP-IV	1,000	38.80	7,534	86.00%	3.88%	278.59	171.54	43.81	47.79	1.47	0.00	0.00	0.00	93.07	
7	KAWAS	656	81.23	2,299	40.00%	12.39%	234.60	282.33	50.29	66.23	0.63	0.00	0.00	0.00	117.16	
8	JGPP	657	66.73	2,418	42.00%	8.93%	48.28	291.79	45.97	14.09	0.67	0.00	0.00	0.00	60.73	
9	Siak-I	1,980	74.83	16,810	90.00%	3.78%	512.77	145.61	64.53	74.66	2.15	0.00	0.00	0.00	141.34	
10	Siak-II	1,000	31.69	7,884	90.00%	3.17%	232.69	151.94	28.27	35.36	0.39	0.00	0.00	0.00	64.02	
11	MSTPL 1	1,000	43.14	4,205	48.00%	4.31%	191.76	317.44	43.39	60.87	1.96	0.00	0.00	0.00	106.23	
12	VSTPS-V	500	22.17	3,767	86.00%	4.43%	166.59	181.91	26.40	30.30	0.58	0.00	0.00	0.00	57.29	
13	Mauda 2	1,320	52.49	5,550	43.00%	3.98%	240.51	317.59	55.78	76.38	8.20	0.00	0.00	0.00	140.36	
14	Solarur	1,320	65.46	6,938	60.00%	4.96%	184.50	347.06	80.30	64.03	0.13	0.00	0.00	0.00	144.46	
15	LARA	1,800	30.00	11,914	85.00%	1.88%	100.25	243.00	19.55	24.36	0.00	0.00	0.00	0.00	43.91	
16	Gadunwara	800	37.02	5,957	85.00%	4.63%	137.00	366.71	43.02	50.24	0.33	0.00	0.00	0.00	93.80	
17	BARH	1,320	0.00	9,829	85.00%	0.00%	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
18	Dhuwari	1,980	0.00	14,743	85.00%	0.00%	0.00	0.00	19.55	24.36	0.00	0.00	0.00	0.00	43.91	
19	Kharajgaon	1,320	0.00	9,829	85.00%	2.27%	100.25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
20	FSTPS	0	0.00	0	0.00%	0.00%	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
21	KSTPS I	0	0.00	0	0.00%	0.00%	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
22	RSTPS	0	0.00	0	0.00%	0.00%	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
23	TSTPS	0	0.00	0	0.00%	0.00%	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
24	KHSTPP-II	1,000	3.50	8,833	78.00%	0.35%	21.34	212.37	2.31	4.53	-0.09	0.00	0.00	0.00	6.75	
25	Subtotal	23,313.59	693.06	1,60,095.87			3,767.16	210	636.14	790.51	19.61	0.00	-0.04	0.00	1,446.21	
26	NSPCL - Bhilai	500	100.00	3,811	87.00%	20.00%	632.22	347.37	116.90	219.62	-1.02	0.00	0.00	0.00	335.50	
27	NSPCL - Rourkela															
28																
II	NPCIL															
29	KAPPS	440	13.86	2,775	72.00%	3.15%	83.59	250	0.00	20.87	0.00	0.00	0.00	0.00	20.87	
30	TAPP 3&4	1,080	45.65	7,569	80.00%	4.23%	313.73	289	0.00	93.93	0.00	0.00	0.00	0.00	93.93	
31	Subtotal	1,520	60	10,344			397.32	289	0.00	114.80	0.00	0.00	0.00	0.00	114.80	
III	Others															
32	RGPL	1,967	38.00	14,129	82.00%	1.93%	0.00	#DIV/0!	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
33	Tata Power - Haldia	0	0.00	0	0.00%	0.00%	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
34	EMCO	200	200.00	1,577	90.00%	100.00%	1,427.67	233	432.34	332.11	-0.00	0.00	0.00	0.00	764.45	
35	Subtotal	2,167	238	15,706			1,427.67	233	432.34	332.11	-0.00	0.00	0.00	0.00	764.45	
IV	Power purchase from Other Sources															
36	Indian E. Exchange/Bilateral	0	0.00	0	0		603.54	0	0.00	201.93	0.00	0.00	0.00	0.00	201.93	
37	UI	0	0.00	0			13.31	554	0.00	7.38	0.00	0.00	0.00	0.00	7.38	
38	Solar	0	0.00	0			5.38	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
39	Non Solar	50	0.00	175			43.80	0	0.00	11.34	0.00	0.00	0.00	0.00	11.34	
40	Solar REC	0	0.00	0			0.00	0	0.00	59.11	0.00	0.00	0.00	0.00	59.11	
41	Non Solar REC	0	0.00	0			0.00	0	0.00	39.16	0.00	0.00	0.00	0.00	39.16	
42	Solar (SEC)	100	0.00	876			0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
43	Wind (SEC)	100	0.00	876			0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
44	Subtotal	250	0	1,927			666.02	479	0.00	318.91	0.00	0.00	0.00	0.00	318.91	
45	Misc. Arrears															
46	Power Purchase Cost	27,761	1,091	1,89,956			6,890		1,165	1,776	19	0	-0	0	2,980	
47	External Losses						0.00									
48	Availability at ED-DNH Periphery						6,890.40		1,165.38	1,775.95	19.59	0.00	-0.04	0.00	2,979.87	
49	PGCL CHARGES														394.95	
50	POSOCO														0.50	
51	WRPC														0.00	
52	Reactive charges														0.00	
53	MSTOL														0.00	
54	Others														42.66	
55	Grand Total of Charges						8,890.40		1,165.38	1,775.95	18.59				3,417.98	
56	GMR - Change in Law														50.02	
57															3,468.00	

DNH Power Distribution Corporation Ltd.
ANNUAL REVENUE REQUIREMENT FOR THE FY 2020-21
POWER PURCHASE COST
FY 20-21 (Projected) Total

Sr.No.	Source	Capacity (MW)	Firm allocation to Licensee (in MW)	Gen. (MU)	Availability/ PLF (in %)	Licensee share (%)	Purchase (MU)	VC (Rs./Unit)	FC (Rs. Cr)	VC (Rs. Cr)	Others (Rs. Cr)	Rebate	Credit/Debit for URS	RRAS Settlement	Total - Gross (Rs. Cr)
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
1	NTPC Stations														
1	KSTPP 1&2	2,100	53.84	16,372	86.00%	2.55%	385.75	145.29	26.84	56.05	0.00	0.00	0.00	0.00	82.88
2	KSTPP 3	500	18.82	3,942	90.00%	3.76%	136.90	140.57	16.70	19.24	0.00	0.00	0.00	0.00	35.95
3	VSTPP-I	1,260	43.41	9,492	86.00%	3.45%	301.71	182.03	27.26	54.82	0.00	0.00	0.00	0.00	82.18
4	VSTPP-II	1,000	35.07	7,446	85.00%	3.31%	227.17	173.22	15.60	39.35	0.00	0.00	0.00	0.00	54.95
5	VSTPP-III	1,000	35.07	7,446	86.00%	3.51%	243.74	176.30	26.57	43.46	0.00	0.00	0.00	0.00	70.03
6	VSTPP-IV	1,000	38.80	7,534	86.00%	3.88%	269.63	171.54	43.81	46.25	0.00	0.00	0.00	0.00	90.07
7	KAWAS	656	81.23	2,299	40.00%	12.38%	277.51	282.33	50.29	78.35	0.00	0.00	0.00	0.00	128.65
8	JGPP	657	56.73	2,419	42.00%	8.93%	210.89	291.79	45.97	81.48	0.00	0.00	0.00	0.00	107.44
9	Sinat-I	1,980	74.83	15,610	90.00%	3.76%	544.25	145.61	64.53	79.25	0.00	0.00	0.00	0.00	65.28
10	Sinat-II	1,000	31.68	7,864	90.00%	3.17%	230.41	151.94	43.39	53.12	0.00	0.00	0.00	0.00	54.43
11	MSTPL 1	1,000	43.14	4,205	48.00%	4.43%	167.34	317.44	29.40	28.03	0.00	0.00	0.00	0.00	120.43
12	VSTPP-V	500	22.17	3,767	86.00%	4.43%	203.59	317.59	55.78	64.66	0.00	0.00	0.00	0.00	86.33
13	Mauda 2	1,320	52.49	5,550	48.00%	3.98%	203.59	347.06	80.30	6.03	0.00	0.00	0.00	0.00	89.03
14	Solarur	1,320	65.46	6,938	60.00%	4.96%	17.37	243.00	39.64	49.40	0.00	0.00	0.00	0.00	51.63
15	LARA	1,600	30.00	11,914	85.00%	1.88%	203.28	#DIV/0!	51.63	0.00	0.00	0.00	0.00	0.00	0.00
16	Gadawara	800	37.02	5,957	85.00%	4.63%	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
17	BARH	1,320	0.00	9,829	85.00%	0.00%	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
18	Dhuwari	1,880	0.00	14,743	85.00%	0.00%	0.00	0.00	39.64	49.40	0.00	0.00	0.00	0.00	89.03
19	Kharagaon	1,320	30.00	9,829	85.00%	2.27%	203.28	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
20	FSTPS	0	0.00	0	0.00%	0.00%	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
21	KISTPS I	0	0.00	0	0.00%	0.00%	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
22	RSTPS	0	0.00	0	0.00%	0.00%	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
23	TSTPS	0	0.00	0	0.00%	0.00%	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
24	KSTPP-II	1,000	3.50	6,833	78.00%	0.35%	22.06	212.37	2.31	4.69	0.00	0.00	0.00	0.00	6.99
25	Subtotal	23,313.59	693.06	1,60,095.87			3,798.76	203	664.92	768.67	0.00	0.00	0.00	0.00	1,453.80
26	NSPCL - Bhilai	500	100.00	3,811	87.00%	20.00%	703.06	347.37	116.50	244.22	0.00	0.00	0.00	0.00	381.12
27	NSPCL - Rourkela														
28	NPCIL														
29	KAPS	440	13.86	2,775	72.00%	3.15%	79.13	250	0.00	19.78	0.00	0.00	0.00	0.00	19.78
30	TAPP 3&4	1,080	45.65	7,569	80.00%	4.23%	289.49	299	0.00	86.67	0.00	0.00	0.00	0.00	86.67
31	Subtotal	1,520	60	10,344			368.62	289	0.00	106.43	0.00	0.00	0.00	0.00	106.43
32	Others														
33	RGPL	1,967	38.00	14,129	82.00%	1.93%	0.00	#DIV/0!	0.00	0.00	0.00	0.00	0.00	0.00	0.00
34	Tata Power - Haldia	0	0.00	0	0.00%	0.00%	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
35	EMCO	200	200.00	1,577	90.00%	100.00%	363.65	233	108.09	84.59	0.00	0.00	0.00	0.00	192.68
36	Power purchase from Other Sources	2,167	238	15,706			363.65	233	108.09	84.59	0.00	0.00	0.00	0.00	192.68
37	Indian E. Exchange/Bilateral	0	0.00	0			0.00	#DIV/0!	0	0.00	0.00	0.00	0.00	0.00	0.00
38	UI	0	0.00	0			0.00	#DIV/0!	0	0.00	0.00	0.00	0.00	0.00	0.00
39	Solar	0	0.00	0			5.38	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
40	Non Solar	50	0.00	175			175.20	0	0.00	45.38	0.00	0.00	0.00	0.00	45.38
41	Solar REC	0	0.00	0			0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
42	Non Solar REC	0	0.00	0			0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
43	Solar (SEC)	100	0.00	876			876.00	0	0.00	432.74	0.00	0.00	0.00	0.00	432.74
44	Wind (SEC)	100	0.00	876			876.00	0	0.00	432.74	0.00	0.00	0.00	0.00	432.74
45	Subtotal	250	0	1,827			1,832.68	471	0.00	910.86	0.00	0.00	0.00	0.00	910.86
46	Misc. Attractions														
47	Power Purchase Cost	27,751	1,091	1,89,956			7,167		910	2,115	0	0	0	0	3,025
48	External Losses						0.00								
49	Availability at ED-DNH Periphery						7,166.67		909.91	2,114.78	0.00	0.00	0.00	0.00	3,024.68
50	PGCIL CHARGES														414.70
51	POSOCO														0.52
52	WRPC														0.00
53	Reactive charges														0.00
54	MSTOL														0.00
55	Grand Total of Charges						7,166.67		909.91	2,114.78	0.00				3,884.70
56	GMR - Change in Law														13.76
57															3,498.46

[illegible]

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

- a. EHV Schemes
- b. Distribution schemes
- c. System augmentation
- d. System improvement
- e. Schemes for loss reduction
- f. Metering schemes
- g. Capacitor
- h. SCADA / DMS etc
- i. Miscellaneous

[Signature]

Format -6

DNH Power Distribution Corporation Limited
ANNUAL REVENUE REQUIREMENT FOR THE FY 2020-21
Capital Base and Return

(all figures in Crs)

Sr.No.	Category of Consumer	Previous year FY 2018-19 (Actual)	Current Year FY 2019-20 (RE)	Ensuing Year FY 2020-21 (Projections)
1	2	5	6	7
1	Gross block at beginning of the year	432.96	452.36	458.06
2	Less accumulated depreciation	284.18	302.01	323.23
3	Net block at beginning of the year	148.79	150.36	134.84
4	Less accumulated consumer contribution	0.00	0.00	0.00
5	Net fixed assets at beginning of the year	148.79	150.36	134.84
6	Reasonable return @3% of NFA	4.46	4.51	4.05

DNH Power Distribution Corporation Limited
ANNUAL REVENUE REQUIREMENT FOR THE FY 2020-21
Original Cost of Fixed Assets

		(Rs. Crores)						
Sr.No.	Particulars Name of the Assets	Value of assets at the beginning of the FY 2018-19	Addition during the FY2018-19	Closing balance at the end of FY2018-19	Addition during FY2019-20	Closing balance at the end of FY2019-20	Addition during FY2020-21	Closing balance at the end of FY2020-21
1	2	3	4	5	6	7	8	9
1	Plant & Machinery	297.96	18.12	316.08	5.70	321.78	182.69	504.47
2	Buildings	29.96	0.00	29.96	0.00	29.96	0.00	29.96
3	Vehicles	2.00	-0.00	1.99	0.00	1.99	0.00	1.99
4	Furniture & Fixtures	1.57	0.00	1.57	0.00	1.57	0.00	1.57
5	Computers & Others	85.61	0.00	85.61	0.00	85.61	0.00	85.61
6	Land	13.65	1.08	14.72	0.00	14.72	0.00	14.72
7	Software-Intangible assets	2.23	0.20	2.42	0.00	2.42	0.00	2.42
8	Total	432.96	19.40	452.36	5.70	458.06	182.69	640.75

Format -8

DNH Power Distribution Corporation Limited
ANNUAL REVENUE REQUIREMENT FOR THE FY 2020-21
Works-in-Progress

(Rs. in crores)

Sr.No.	Particulars	Previous year FY 2018-19 (Actual)	Current Year FY 2019-20 (RE)	Ensuing Year FY 2020-21 (Projections)
1	2	4	5	6
1	Opening balance	1.66	92.86	215.36
2	Add: New investments	104.85	128.20	30.19
3	Total	106.51	221.06	245.55
4	Less investment capitalized	19.40	5.70	182.69
5	Closing balance	92.86	215.36	62.86



DNH Power Distribution Corporation Limited
ANNUAL REVENUE REQUIREMENT FOR THE FY 2020-21
Interest Capitalized

(Rs. in crores)

Sr.No.	Particulars	Previous year FY 2018-19 (Actual)	Current Year FY 2019-20 (RE)	Ensuing Year FY 2020-21 (Projections)
1	2	3	4	5
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
ANNUAL REVENUE REQUIREMENT FOR THE FY 2020-21
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

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
ANNUAL REVENUE REQUIREMENT FOR THE FY 2020-21
Value of Assets and Depreciation Charges

(Rs. Crores)

Sr.No.	Particulars Name of the Assets	Rate of depreciation on*	Previous Year		Current Year		Ensuing Year	
			Assets value at the beginning of FY 2018-19	Depreciation charges	Assets value at the beginning of FY 2019-20	Depreciation charges	Assets value at the beginning of FY 2020-21	Depreciation charges
1	Plant & Machinery	5.28%	297.96	9.78	316.08	11.48	321.78	14.87
2	Buildings	3.34%	29.96	0.93	29.96	0.54	29.96	0.54
3	Vehicles	9.50%	2.00	0.17	1.99	0.19	1.99	0.19
4	Furniture & Fixtures	6.33%	1.57	0.10	1.57	0.09	1.57	0.09
5	Computers & Others	6.33%	85.61	3.41	85.61	5.14	85.61	5.14
6	Land	0.00%	13.65	0.00	14.72	0.00	14.72	0.00
7	Software-Intangible assets	16.00%	2.23	0.34	2.42	0.39	2.42	0.39
8	Total		432.96	14.73	452.36	17.83	458.06	21.22

DNH Power Distribution Corporation Limited
ANNUAL REVENUE REQUIREMENT FOR THE FY 2020-21
Repair and Maintenance Expenses

(Rs. in crores)

Sr.No.	Particulars	Previous year FY 2018-19 (Actual)	Current Year FY 2019-20 (RE)	Ensuing Year FY 2020-21 (Projections)
1	2	3	4	5
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 *			
15	Total expenses charged to revenue as R&M expenses	17.48	13.02	13.18



DNH Power Distribution Corporation Limited
ANNUAL REVENUE REQUIREMENT FOR THE FY 2020-21
Total Number of Employees

Sr.No.	Particulars	Previous year FY 2018-19 (Actual)	Current Year FY 2019-20 (RE)	Ensuing Year FY 2020-21 (Projections)
1	2	3	4	5
1	Number of employees as on 1st April	384	377	374
2	Employees on deputation/ foreign service as on 1st April	0	0	0
3	Total number of employees (1+2)	384	377	374
4	Number of employees retired/retiring during the year	8	3	1
5	Number of employees added	1	0	2
6	Number of employees at the end of the year (4-5)	377	374	375



DNH Power Distribution Corporation Limited
ANNUAL REVENUE REQUIREMENT FOR THE FY 2020-21
Employee Cost

(Rs. in crores)

Sr.No.	Particulars	Previous year FY 2018-19 (Actual)	Current Year FY 2019-20 (RE)	Ensuing Year FY 2020-21 (Projections)
		Total	Total	Total
1	2	4	5	6
1	Salary & Wages	9.90	12.44	14.23
2	Provident Fund Contribution	0.59	0.69	0.79
3	Bonus	0.22	0.29	0.33
4	Leave Salary, Pension and Gratuity	0.79	1.05	1.20
5	Staff Welfare Expenses	0.04	0.05	0.06
6	Grand total	11.54	14.51	16.60



DNH Power Distribution Corporation Limited
ANNUAL REVENUE REQUIREMENT FOR THE FY 2020-21
Administration and General Expenses

(Rs. in crores)

Sr.No.	Particulars	Previous year FY 2018-19 (Actual)	Current Year FY 2019-20 (RE)	Ensuing Year FY 2020-21 (Projections)
1	2	3	4	5
1	Fees to Auditors	0.09	0.19	0.20
2	Printing and Stationery Expenses	0.20	0.05	0.06
3	Travelling and Accommodation Expenses	0.01	0.01	0.01
4	Advertisement Expenses	0.11	0.19	0.19
5	Corporate Social Responsibility Expenses	0.03	1.26	1.32
6	Telephone Expenses	0.40	0.29	0.30
7	Legal and Professional Charges	1.56	0.64	0.67
8	Bank Charges	0.00	0.00	0.00
9	Fees and Subscription Expenses	0.85	0.66	0.69
10	Other Expenses	0.66	1.18	1.24
11	Provision for Bad & Doubtful Debts	-0.51	2.60	2.71
12	Total	3.39	6.96	7.26
13	Add/Deduct share of others (to be specified)			
14	Total expenses	3.39	6.96	7.26
15	Less capitalized	0.00	0.00	0.00
16	Net expenses	3.39	6.96	7.26
17	Add prior period	0.00	0.00	0.00
18	Total expenses charges to revenue	3.39	6.96	7.26



DNH Power Distribution Corporation Limited
ANNUAL REVENUE REQUIREMENT FOR THE FY 2020-21
Information regarding Bad and Doubtful Debts

Sr.No.	Particulars	Previous year FY 2018-19 (Actual)	Current Year FY 2019-20 (RE)	Ensuing Year FY 2020-21 (Projections)
1	2	3	4	5
1	Amount of receivable	3,027.77	2,969.37	3,172.01
1	Provision made for debts in ARR	0.00	0.00	0.00



DNH Power Distribution Corporation Limited
ANNUAL REVENUE REQUIREMENT FOR THE FY 2020-21
Information regarding Working Capital for the current and ensuing year

Sr.No.	Particulars	Amount (in Crores Rs.)
		Previous year FY 18-19 (Actual)
1	2	3
1	Receivables of two months of billing	504.63
2	Less power purchase cost of one month	245.79
3	Less consumer security deposit but excluding Bank Guarantee/Fixed Deposit Receipt	53.08
4	Inventory for two months based on annual requirement for previous year	1.51
5	Total Working Capital requirement	207.27



DNH Power Distribution Corporation Limited
ANNUAL REVENUE REQUIREMENT FOR THE FY 2020-21
Information regarding Working Capital for the current and ensuing year

Sr.No.	Particulars	Amount (in Crores Rs.)	
		Ensuing Year 2019-20 (RE)	Ensuing Year 2020-21 (Projections)
1	2	3	4
1	O&M expense for one month	2.87	3.09
2	Maintenance spares at 40% of R&M for one month	0.43	0.44
3	Receivables for 2 months	564.33	528.66
4	Total Working Capital requirement	567.63	532.18
	Less consumer security deposit but excluding Bank Guarantee/Fixed Deposit Receipt	53.08	53.08
5			
6	Total Working Capital requirement	614.65	479.10



DNH Power Distribution Corporation Limited
ANNUAL REVENUE REQUIREMENT FOR THE FY 2020-21
Information regarding Foreign Exchange Rate Variation (FERV)

(Rs. in crores)

Sr.No.	Particulars	Previous year FY 2018-19 (Actual)	Current Year FY 2019-20 (RE)	Ensuing Year FY 2020-21 (Projections)
1	2	3	4	5
1	Amount of liability provided	NA		
2	Amount recovered			
3	Amount adjusted			



DNH Power Distribution Corporation Limited
ANNUAL REVENUE REQUIREMENT FOR THE FY 2020-21
Non Tariff Income

(Rs. in crores)

Sr.No.	Particulars	Previous year FY 2018-19 (Actual)	Current Year FY 2019-20 (RE)	Ensuing Year FY 2020-21 (Projections)
1	2	3	4	5
1	Interest Income	22.68	0.00	0.00
2	Delayed Payment Charges from consumers	19.75	0.00	0.00
3	Tender Fees	0.03	0.03	0.03
4	Provision Written Back	1.13	0.00	0.00
5	Sale of Scrap	1.11	0.00	0.00
6	Miscellaneous Income	5.08	5.08	5.08
7	Total income	49.78	5.12	5.12
8	Add prior period income*	0.00	0.00	0.00
9	Total non tariff income	49.78	5.12	5.12



Format -21

DNH Power Distribution Corporation Limited
ANNUAL REVENUE REQUIREMENT FOR THE FY 2020-21
Information regarding Revenue from Other Business

(Rs. in crores)

Sr.No.	Particulars	Previous year FY 2018-19 (Actual)	Current Year FY 2019-20 (RE)	Ensuing Year FY 2020-21 (Projections)
1	2	3	4	5
1	Total revenue from other business	NA		
2	Income from other business to be considered for licensed business as per regulations			



DNH Power Distribution Corporation Limited
ANNUAL REVENUE REQUIREMENT FOR THE FY 2020-21
Lease Details

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



DNH Power Distribution Corporation Limited
ANNUAL REVENUE REQUIREMENT FOR THE FY 2020-21
Information regarding Wholesale Price Index (All Commodities)

Sr.No.	Period	WPI/CPI	Increase over previous year
1	2	3	4
1	FY 2017-18	111.62	2.92%
2	FY 2018-19	114.88	4.25%
3	FY 2019-20	119.76	1.34%



DNH Power Distribution Corporation Limited
ANNUAL REVENUE REQUIREMENT FOR THE FY 2020-21
Information regarding amount of equity and loan

(Rs. in crores)

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



DNH Power Distribution Corporation Limited
ANNUAL REVENUE REQUIREMENT FOR THE FY 2020-21

(Rs. in crores)

Sr.No.	Particular	FY 2018-19 Approved by the Commission (Tariff Order dated 20th May, 2019)	FY 2018-19 Actuals
1	Cost of fuel		
2	Cost of power purchase	2,881.22	2,949.44
3	Provision for RPO compliance	0.00	34.87
4	Employee costs	13.21	11.54
5	R&M expenses	9.82	17.48
6	Administration and General expenses	5.84	3.90
7	Depreciation	22.66	14.73
8	Interest charges (including interest on working capital)	21.45	22.68
9	Return on NFA / Equity	15.08	21.25
10	Additional ROE for previous year	0.00	11.41
11	Provision for Bad Debt	0.00	0.00
12	Interest on security deposit	2.45	2.70
13	Income Tax	0.00	0.00
14	Incentive on achievement of norm of T&D	0.00	0.00
15	Total revenue requirement	2,971.73	3,090.00
16	Less: non tariff income	42.85	49.78
17	Net revenue requirement (10-11)	2,928.88	3,040.21
18	Revenue from tariff	2,879.69	3,027.77
19	Revenue from UI	0.00	0.00
20	(Gap)/surplus (12-13)	-49.19	-12.45
21	Revenue from Open Access	0.00	0.00
22	Recovery on account of PPCA variation	0.00	0.00
23	(Gap)/Surplus after adjusting PPC variations	-49.19	-12.45
24	(Gap)/Surplus of previous years	96.77	96.77
25	Carrying cost	5.77	0.00
26	Total (Gap)/surplus (14+15)	53.35	84.32
27	Revenue surplus carried over	0.00	0.00
28	Carrying Cost	0.00	0.00
29	Additional revenue from proposed tariff	0.00	0.00
30	Energy sales (MU)	6,032.00	6,072.42



DNH Power Distribution Corporation Limited
ANNUAL REVENUE REQUIREMENT FOR THE FY 2020-21

(Rs. in crores)

Sr.No.	Particular	FY 2019-20 Approved by the Commission (Tariff Order dated 20th May, 2019)	FY 2019-20 RE
1	Cost of power purchase	3,037.02	3,468.00
2	Employee costs	14.51	14.51
3	R&M expenses	8.81	13.02
4	Administration and General expenses	6.96	6.96
5	Depreciation	16.87	17.83
6	Interest charges (including interest on working capital	49.44	56.87
7	Return on NFA / Equity	14.79	21.24
8	Provision for Bad Debt	0.00	0.00
9	Interest on security deposit	2.45	2.70
10	Income Tax	0.00	0.00
11	RPO provisioning to cover backlog of the previous years upto current year	0.00	0.00
12	Total revenue requirement	3,150.85	3,601.11
13	Less: non tariff income	44.99	5.12
14	Net revenue requirement (10-11)	3,105.86	3,596.00
15	Revenue from tariff	2,970.56	2,969.37
16	Revenue from UI	0.00	0.03
17	(Gap)/surplus (12-13)	-135.30	-626.60
18	Revenue from Open Access	0.00	0.00
19	Recovery on account of PPCA variation	0.00	373.82
20	Revenue from Regulatory Surcharge	0.00	42.74
21	(Gap)/Surplus after adjusting PPC variations	-135.30	-210.04
22	(Gap)/Surplus for previous year	53.35	84.32
23	Carrying cost	-1.36	0.00
24	Total gap (14+15)	-83.31	-125.72
25	Revenue surplus carried over	0.00	0.00
26	Carrying Cost	0.00	0.00
27	Additional revenue from proposed tariff	0.00	0.00
28	Energy sales (MU)	6,296.88	6,402.60



DNH Power Distribution Corporation Limited
ANNUAL REVENUE REQUIREMENT FOR THE FY 2020-21

(Rs. in crores)

Sr.No.	Particular	FY 2020-21 Approved by the Commission (Tariff Order dated 20th May, 2019)	FY 2020-21 Projected
1	Cost of power purchase	3,136.03	3,498.46
2	Employee costs	16.60	16.60
3	R&M expenses	8.92	13.18
4	Administration and General expenses	7.26	7.26
5	Depreciation	20.52	21.22
6	Interest charges (including interest on working capital	55.93	57.56
7	Return on NFA / Equity	19.18	25.63
8	Provision for Bad Debt	0.00	0.00
9	Income Tax	2.45	2.70
10	Interest on security deposit	0.00	0.00
12	RPO provisioning to cover backlog of the previous years upto current year	0.00	0.00
13	Total revenue requirement	3,266.89	3,642.61
14	Less: non tariff income	47.24	5.12
15	Net revenue requirement (13-14)	3,219.65	3,637.49
16	Revenue from tariff	-	3,172.01
17	Revenue from UI	-	-0.07
18	(Gap)/surplus (16+17-15)	-	-465.55
19	Gap for previous year	-	-125.72
20	Carrying cost	-	0.00
21	Total gap (18+19+20)	-	-591.27
22	Revenue surplus carried over	-	0.00
23	Carrying Cost	-	0.00
24	Additional revenue from proposed tariff	-	533.94
25	Energy sales (MU)	6,507.52	6,706.90



DHH Power Distribution Corporation Limited
ANNUAL REVENUE REQUIREMENT FOR THE FY 2022-21
Revenue from Existing Tariff

S. No.	Category of Consumers	No. of Consumers	Energy Sales (Mtu) (April to May, 2019)	Tariff Rates (Rs/Kt) (April to May, 2019)	Energy Charges (Rs. in Crores) (April to May, 2019)	Energy Sales (Mtu) (June, 2019 to March, 2020)	Contracted Max Demand KVA	Demand Charges (Rs/KVA)	Tariff Rates (Rs/Kt)	Demand Charges (Rs. in Crores)	Energy Charges (June, 2019 to March, 2020) (Rs. in Crores)	Total Revenue (Rs. in Crores)
1	Domestic											
	Up to 50 units		5.68	1.20	0.67	25.33	5	1.30			3.29	
	51-100 units		9.87	1.80	1.78	44.82	5	2.00			8.96	
	101-150 units		4.83	2.30	1.11	21.91	5	2.50			5.48	
	151 units and above		7.36	2.80	2.05	33.42	5	3.10			10.36	
	Total Domestic	48,706	27.63		5.62	126.48	6			0.30	28.09	34.01
2	Domestic											
	All units	18,302	0.00									
2	NRSC Commercial											
	0-100 units		1.12	2.55	0.29	5.21	10	2.00			1.46	
	above 100 units		5.67	3.60	2.04	26.38	10	3.50			10.28	
	Total Commercial	8,166	6.79		2.33	31.59	20			0.10	11.74	14.17
3	Public Lighting	424	0.70	3.45	2.42	2.70	3077	0	3.80	0.00	1.03	3.46
4	Public Water Work	473	0.93		0.37	4.22	3710			0.03	1.82	2.27
	Unit 20 HP		0.93	3.95	0.37	4.22	3710	25	4.30	0.08	1.82	
5	Industrial											
	Below 20 HP											
	11 KV Units 1 MW	913	429.63		144.34	2162.49	848034	375		266.99	848.88	1360.88
	11 KV Units		437.38	3.30	144.34	2206.63	375	3.85		145.17	848.26	790.38
	11 KV	27	283.32		93.98	1428.37	271469	800			554.25	
	11 KV Units		283.10	3.25	93.98	1459.54	500	3.80		184.94	833	887.89
	11 KV	3	275.91		90.08	1391.99	278187	860			532.65	777.68
	11 KV Units		281.54	3.20	90.08	1420.40	550	3.75		84.13	1938.48	2818.94
	Total HT Industrial	943	987.86		378.39	4883.85	1187890					
b) LT												
	11 KV Units 20 HP	2,091	38.85		13.44	18.81	12286	10		8.40	76.11	94.94
	11 KV Units		40.95	3.05	13.44	22.86	10	3.85		0.04	1.94	
	11 KV		34.81	3.75	13.00	18.90	1000	4.10		8.36	74.17	78.53
	Total HT+LT Industrial	3034	1023.71		341.82	6108.66	1310681			899.80	2972.89	2813.88
6	Agriculture Consumption	1,421	1.13		0.09	4.45	8093	0			0.38	0.46
	Unit 10 HP		0.79	0.70	0.05	3.09			0.70	0.22		
	Beyond 10 HP		0.35	1.00	0.03	1.36			1.00	0.14		
7	Temporary											
	All units	379	0.69									
8	Total Revenue Billed	78994	1061.59		352.84	5341.91	1473408.00			899.80	2972.89	2813.88
9	PFPCA											
10	Regulatory Surcharge											
11	REC charges											
12	PF Charges											
13	Grand Total	78994	1061.59		352.84	5341.91	1473408.00			899.80	2972.89	2813.88

1. Figures of HT Industrial for Connected load are in KVA

S.No.	Category of Consumers	No. of Consumers	Energy Sales (MU)	Contracted Max Demand KVA	Demand Charges (Rs./KVA)	Tariff Rates (P/Unit)	Demand Charges (Rs. in Crore)	Energy Charges (Rs. in Crore)	Total Revenues (Rs. in Crore)
1	Domestic								
	Up to 50 units		33.93		0	1.30		4.41	4.41
	51-200 units		60.05		0	2.00		12.01	12.01
	201-400 units		29.35		0	2.50		7.34	7.34
	401 units and above		44.77		5	3.10		13.88	13.88
	Total Domestic	52,121	168.09	113,470				37.64	37.64
2	LGH								
	All units	15,517		1801	10		0.01		0.01
2	NRS/Commercial								
	0-100 units		6.50		10	2.80		1.82	1.82
	above 100 units		32.95		10	3.80		12.85	12.85
	Total Commercial	8,333	39.45	30,371				14.67	14.67
3	Public Lighting	451	3.55	3281	0	3.80	0.00	1.35	1.35
4	Public Water Work	516	5.41	4207	0		0.09	2.33	2.42
	up to 20HP		5.41	4207	25	4.30	0.09	2.33	
	above 20HP				50	4.30			
5	Industrial								
a) HT									
i) 11KV Upto 1MW		925	271.05	857081	375		266.12	1065.06	1331.17
	For all units		2766.38		375	3.85		1065.06	
ii) 66KV		27	1781.96	280179	500		152.31	894.64	847.15
	For all units		1826.53		500	3.80		894.64	
iii) 220KV		3	1745.09	280910	550		167.69	668	835.45
	For all units		1760.71		550	3.75		667.77	
	Total HT Industrial	955	6248.10	1218170			586.11	2427.55	3013.77
b) LT									
up to 20HP		2,104	232.65	125566			5.54	95.29	100.83
above 20HP			6.14	3313	10	3.95	0.04	2.42	2.46
Total HT+LT Industrial		3059	228.51	122253	50	4.10	5.50	92.87	93.37
			6480.75	1345736			591.65	2522.95	3114.60
6	Agriculture Consumption								
Up to 10 HP		1,479	6.02	6260	0			0.48	0.48
Beyond 10 HP			4.18			0.70		0.29	
Temporary			1.84			1.00		0.18	
All units		379	3.63	2537				0.84	0.84
7	Total Revenue Billed	81855	6706.90	1505663.00			591.75	2560.25	3172.01
8	FPFCA								-0.07
9	Open Access Charges								0.00
10	REC charges								0.00
11	UI								0.00
12	PF Charges								0.00
13	Grand Total	81855	6706.90	1505663.00			591.75	2560	3171.94

1. Figures of HT Industrial for Connected load are in KVA

S.No.	Category of Consumers	No. of Consumers	Energy Sales (MU)	Contracted Max Demand KVA	Demand Charges (Rs./KVA)	Tariff Rates (Plunt)	Demand Charges (Rs. in Crore)	Energy Charges (Rs. in Crore)	Total Revenues (Rs. in Crore)
1	Domestic								
	Up to 50 units		33.93		0	1.30		4.41	4.41
	51-200 units		60.05		0	2.00		12.01	12.01
	201-400 units		28.35		0	2.50		7.34	7.34
	401 units and above		44.77			3.80		16.12	16.12
	Total Domestic	52,121	166.09	113470	5			39.87	39.87
2	LGH								
	All units	15,517		1891	10		0.01		0.01
2	NRS/Commercial								
	0-100 units		6.50		10	2.80		1.82	1.82
	above 100 units		32.95		10	4.40		14.50	14.50
	Total Commercial	8,333	39.45	30371	10			16.32	16.32
3	Public Lighting	451	3.55	3281	0	3.80	0.00	1.35	1.35
4	Public Water Work								
	upto 20HP	516	5.41	4207	0		0.09	2.33	2.42
	above 20HP		5.41	4207	25	4.30	0.09	2.33	
5	Industrial								
a) HT									
	i) 11KV Upto 1MW	925	2711.05	67081	375		268.25	1288.37	1552.62
	For all units		2766.38		375	4.65		1286.37	
	ii) 66KV	27	1791.96	280179	600		152.31	841.12	993.43
	For all units		1828.53		500	4.80		841.12	
	iii) 220KV	3	1745.09	280910	650		167.79	810	978.01
	For all units		1780.71		550	4.55		810.22	
	Total HT Industrial	955	6248.10	1218170			588.34	2537.71	3524.05
b) LT									
	upto 20HP	2,104	232.85	125568			5.54	115.07	120.61
	above 20HP		6.14	3313	10	4.80	0.04	2.85	2.89
	Total HT+LT Industrial	3059	228.51	122253	50	4.95	5.50	112.12	117.62
			6480.75	1343736			591.88	3052.78	3644.66
6	Agriculture Consumption								
	Upto 10 HP	1,478	6.02	6260	0			0.48	0.48
	Beyond 10 HP		4.18			0.70		0.29	
7	Temporary		1.84			1.00		0.18	
7	All units	379	3.03	2537				0.84	0.84
8	Total Revenue Billed	81855	6706.90	1505663.00			591.99	3113.96	3705.95
9	FPPCA								
10	Open Access Charges								-0.07
11	REC charges								0.00
12	UI								0.00
13	PF Charges								0.00
	Grand Total	81855	6706.90	1505663.00			591.99	3114	3705.98

1. Figures of HT Industrial for Connected load are in KVA