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ANDHRA PRADESH CENTRAL POWER DISTRIBUTION CORPORATION LIMITED
Dr. Y.S.R Vidyuth Soudha, Corporate office, ITI Road, Vijayawada-520 008

From
The Chief General Manager,
RAC, Corporate Office
APCPDCL, Vijayawada.

To
The Secretary, APERC,
#11-4-660, 4th Floor,
Singareni Bhavan,
Red Hills,
Hyderabad-500 004

Lr.No.CGM/RAC/GM/PP&RAC/CP/VJA/F.No.69/D.No. 293 /23, Dt: 30 11.2023

Sir,

Sub: APCPDCL - RAC - Filing of the ARR & Tariff applications for the Distribution business for the Control Period FY 2024-25 to FY 2028-29 under multi-year tariff principles in accordance with APERC (Terms and Conditions For Determination Of Tariff For Wheeling And Retail Sale Of Electricity) Regulation NO.4 of 2005 - Submitted - Reg.

Ref: Regulation No.4 of 2005

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The Licensee is herewith submitting the ARR & Tariff applications for the Distribution business for the Control Period FY 2024-25 to FY 2028-29 under multi-year tariff principles in accordance with APERC (Terms And Conditions For Determination Of Tariff For Wheeling And Retail Sale Of Electricity) Regulation No.4 of 2005 for kind consideration of Hon'ble APERC.

Encl:- 10 Nos Original copies

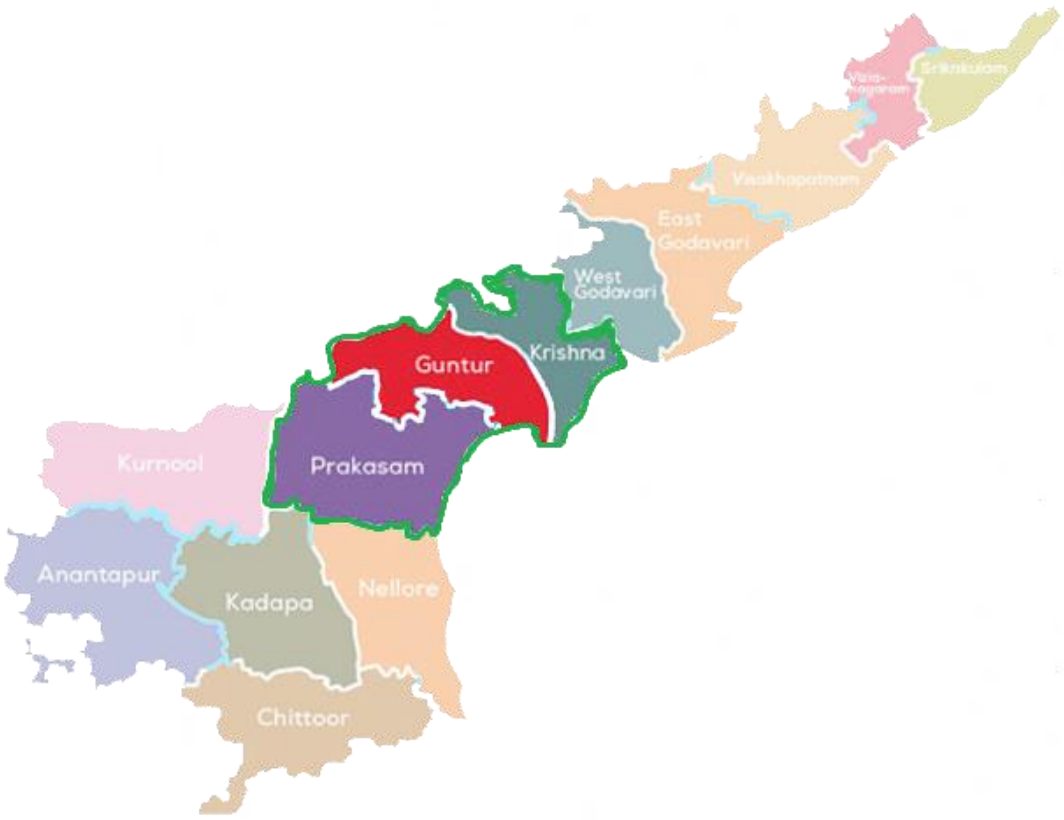
Yours faithfully,

Chief General Manager/RAC,
APCPDCL, Vijayawada

ANDHRA PRADESH CENTRAL POWER DISTRIBUTION CORPORATION LIMITED

Beside Govt. Polytechnic college, ITI Road, Vijayawada

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Aggregate Revenue Requirement for Distribution Business for Fifth Control Period (FY2024-25 to FY2028-29)

30th November, 2023

BEFORE THE HONOURABLE ANDHRA PRADESH ELECTRICITY REGULATORY COMMISSION
AT ITS OFFICE AT 4th FLOOR, SINGARENI BHAVAN, RED HILLS, HYDERABAD-04

FILING NO._____/2023
CASE NO. _____/2023

In the matter of:

Filing for the Multi-Year Tariff for the Distribution Business for the Fifth Control Period (FY 2024-25 to FY 2028-29) under Multi-Year Tariff principles in accordance with the "Andhra Pradesh Electricity Regulatory Commission (Terms And Conditions For Determination Of Tariff For Wheeling And Retail Sale Of Electricity) Regulation No.4 of 2005" by the Andhra Pradesh Central Power Distribution Corporation Limited ('APCPDCL' or 'the Company' or 'the Licensee') as the Distribution and Retail Supply Licensee.

In the matter of:

ANDHRA PRADESH CENTRAL POWER DISTRIBUTION CORPORATION LIMITED

... Applicant

AFFIDAVIT OF APPLICANT VERIFYING THE APPLICATION ACCOMPANYING FILING AS PER TERMS AND CONDITIONS OF TARIFF FOR WHEELING AND RETAIL SALE OF ELECTRICITY

I, **D. Victoria Krupadanamma**, S/o Late Sri **D. Bhushanam**, aged about 60 years working for gain at the Andhra Pradesh Central Power Distribution Corporation Limited do solemnly affirm and say as follows:

1 I am the Chief General Manager / RAC of APCPDCL, the Licensee that has been granted the distribution and retail supply functions with effect from 01.04.2020, vide the Honourable Commission's approval in proceedings no. Joint Director/ Engineering/ APERC/ Lr.No. E-265/ DD-Dist/ 2019, Dt:31.03.2020. I am competent and duly authorized by APCPDCL to affirm, swear, execute and file this affidavit in the present proceedings.

2 As such, I submit that I have been duly authorised by the Board of Directors of APCPDCL to submit the application, as per Terms and Conditions of Tariff For Wheeling And Retail Sale of Electricity (Regulation 4 of 2005) of APCPDCL for the Control Period FY 2024-25 to FY 2028-29 to the Honourable Commission.

1 I submit that I have read and understood the contents of the appended application of APCPDCL. The facts stated in the application are true to the best of my knowledge, which are derived from the official records made available and certain facts stated are based on information and advice which, I believe to be true and correct.

I submit that for the reasons, and facts stated in the appended application this Applicant pray that the Honourable Commission may be pleased to

(a) Take the accompanying Distribution MYT ARR and wheeling tariff application of APCPDCL for the 5th Control period on record and treat it as complete;
(b) Grant suitable opportunity to APCPDCL within a reasonable time frame to file additional material information that may be subsequently available;
(c) Consider and approve APCPDCL's Distribution MYT ARR and wheeling tariff application including all requested regulatory treatments in the filing;
(d) Pass such order as the Honourable Commission may deem fit and proper in the facts and circumstances of the case.

DEPONENT
CHIEF GENERAL MANAGER
RAC, APCPDCL
VIJAYAWADA

VERIFICATION:

I, the above named Deponent solemnly affirm at Vijayawada on this 30th November, 2023 that the contents of the above affidavit are true to my knowledge, no part of it is false and nothing material has been concealed there from.

DEPONENT
CHIEF GENERAL MANAGER
RAC, APCPDCL
VIJAYAWADA

Solemnly affirmed and signed before me.

Company Secretary,
Corporate Office,
APCPDCL, Vijayawada.

BEFORE THE HONOURABLE ANDHRA PRADESH ELECTRICITY REGULATORY COMMISSION

AT ITS OFFICE AT 4th Floor, Singareni Bhavan, Red Hills, Hyderabad - 500 004

FILING NO._____/2023

CASE NO. _____/2023

In the matter of:

Filing of the ARR & Tariff applications for the Distribution business for the Control Period FY 2024-25 to FY 2028-29 under multi-year tariff principles in accordance with the "Andhra Pradesh Electricity Regulatory Commission (Terms And Conditions For Determination Of Tariff For Wheeling And Retail Sale Of Electricity) Regulation NO.4 of 2005" and "Andhra Pradesh Electricity Regulatory Commission (Terms And Conditions For Determination Of Tariff For Wheeling And Retail Sale Of Electricity) First Amendment Regulation, 2014" by the Andhra Pradesh Central Power Distribution Corporation Limited ('APCPDCL' or 'the Company' or 'the Licensee') as the Distribution Supply Licensee

In the matter of:

ANDHRA PRADESH CENTRAL POWER DISTRIBUTION CORPORATION LIMITED

... Applicant

The Applicant respectfully submits as under: -

This filing is made by the **ANDHRA PRADESH CENTRAL POWER DISTRIBUTION CORPORATION LIMITED (APCPDCL)** under Section 61 of the Electricity Act 2003 for determination of the ARR and Tariff for the distribution business for the years FY 2024-25 to FY 2028-29 ('Control Period') following multi-year tariff principles as laid out in Regulation 4 of 2005 of APERC.

1 Introduction of Tariff Regulation based on MYT Principles - In November 2005, the Commission issued the Andhra Pradesh Electricity Regulatory Commission (Terms and Conditions for Determination of Tariff for Wheeling and Retail Sale of Electricity) Regulation, 2005 ("Regulation") specifying the principles and procedures of filing for the Annual Aggregate Revenue Requirement (ARR) and Tariff proposals for the ensuing year and filings for the Control Period (FY 2024-25 to FY 2028-29) under Multi-Year Tariff Principles.

2 The essential characteristic of this regulation is to provide incentives on certain performance parameters and provide a degree of regulatory certainty for the Control Period. This incentive based system of regulation is a challenging one especially in the present case where the control period is for a period of five years. The challenges arise due to the difficulty in establishing appropriate targets five years ahead and the tendency to adopt uniform and universal performance norms for the licensees. Though the first, second and third control periods have helped the licensee to align itself to the incentive based system of regulation, the licensees would request the Hon'ble Commission to exercise suitable caution and recognise the current level of performance of the licensee, before fixing up performance benchmarks. As an example, the licensees which have already achieved significant level of efficiencies say in loss reduction cannot be expected to carry forward the same trend in the fourth control period, with the same loss reduction as the initial state of performance of the licensee. As such, recognising the different socio-economic and geographical conditions of the four distribution licensees, the licensee earnestly submits that there should be sufficient flexibility in deriving different levels of norms. For example, different norms for O&M costs have to be allowed for base values for each Discom considering different consumer mix, assets and employee.

3 Licensee had submitted resource plan with Hon'ble Commission as per the Regulation 4 of 2005 on 29th April 2023. Resource plan consists detailed projection of capital expenditure, sales forecast, load forecast, availability projection and voltage wise losses as per resource plan guidelines. As the resource plan was submitted more than 120 days, Licensee had assumed that the projections made by the licensee were deemed acceptable by the Hon'ble Commission as per the Regulation 4 of 2005.

4 This petition has been developed as per the provisions of the Regulation 4 of 2005. The Licensee is submitting the following as part of the ARR and tariff filings for the fifth Control Period (FY 2024-25 to FY 2028-29):

- Allocation statement to segregate expenses and incomes of distribution business
- ARR and Tariff Proposals ("Wheeling Charges") for the Distribution business of the licensee for the 5th Control Period (FY 2024-25 to FY 2028-29), including
    (a) Sales forecast, load forecast and Investment Plan
    (b) Loss reduction trajectory and power procurement plan (as per the resource plan)

Summary of the Filing

1. Resource Plan for the Control Period

As per Clause 9.1 of the Regulation, the Resource Plan for the fourth Control Period was filed before the Hon'ble Commission on dated 29th April 2023. The Resource Plan contains the following:

- Sales Forecast;
- Load Forecast
- Loss Trajectory projections
- Power Procurement Plan; and
- Distribution Plan (Capital Investment Plan)

Sales Forecast

The Licensee has submitted sales forecast for the 5th control period along with resource plan which was filed before the Hon'ble Commission. The consolidated category wise sales forecast for the APCPDCL for the 5th control period is tabulated below

Consumer Category	FY23	FY24	FY25	FY26	FY27	FY28	FY29	CAGR
LT Category								
Domestic	5,295	5,685	5,952	6,231	6,524	6,831	7,154	5.14%
Commercial & Others	1,044	1,121	1,168	1,217	1,269	1,322	1,378	4.74%
Industry	477	523	540	558	577	596	616	4.36%
Institutional	322	336	355	376	399	422	448	5.67%
Agriculture & Related	3,029	3,300	3,465	3,659	3,842	4,034	4,236	5.75%
LT Total	**10,165**	**10,965**	**11,481**	**12,042**	**12,610**	**13,206**	**13,831**	**5.27%**
HT Category								
Domestic	14	15	15	16	16	17	18	3.95%
Commercial & Others	511	512	539	567	596	628	661	4.37%
Industry	2,798	3,026	3,957	4,122	7,897	8,083	8,282	19.83%
Institutional	594	632	648	667	690	721	753	4.04%
Agriculture & Related	74	96	98	115	118	145	151	12.60%
HT Total	**3,991**	**4,281**	**5,257**	**5,486**	**9,317**	**9,594**	**9,865**	**16.28%**
LT+HT Total	**14,157**	**15,246**	**16,738**	**17,528**	**21,927**	**22,800**	**23,696**	**8.96%**

Power Purchase Plan

Power purchase requirement has been projected in the Resource Plan considering the planned capacities and availability from various existing and upcoming generating sources. The table below summarizes projected energy Availability:

Sources (all figures in MUs)	FY 24	FY 25	FY 26	FY 27	FY 28	FY 29
AP Genco-Thermal	5854	6353	6353	6353	6371	6353
AP Genco-Hydel	693	1063	1327	1327	1331	1327
CGS	3448	3438	3438	3438	3448	3438
JS	3900	3889	3889	3889	3900	3889
IPPs-Thermal	3243	3234	3234	3234	3243	3234
Wind	1387	1384	1827	1826	1829	1826
Solar	1762	3616	5476	6096	6114	6096
NCE-Others	72	82	82	82	82	82
Total	**20358**	**23060**	**25628**	**26246**	**26317**	**26246**

Based on the energy generation and energy input for power procurement the table below summarises Energy (MUs) balance at DISCOM/APCPDCL level:

Surplus/Deficit Energy Requirement Projections for 5th Control Period (MUs)

	FY 24	FY 25	FY 26	FY 27	FY 28	FY 29
Energy-Demand	17170	18782	19693	24337	25332	26359
Energy Supply	20358	23060	25628	26246	26317	26246
Surplus/(Deficit)	3189	4279	5934	1909	985	-113

Power Procurement Plan for meeting the deficit

- On the basis of expected future capacity additions already identified/committed so far, yearly deficit/surplus scenario has been evaluated and presented previously.
- The DISCOM expects to meet the base load capacity requirement to be procured through the Generating Stations capable of operating Round the Clock (RTC) with a PLF from 60% to 85%.
- Remaining procurement may be undertaken with intermediate sources. Further any gap arises on account of day ahead/week ahead basis on account of shortfall in availability from the committed sources or any variations in the generation forecast as may be made available, short term procurement will be undertaken in compliance with the Regulation in force.

- It is further to submit that the DISCOM is also required to procure ancillary services (Secondary or Tertiary) in terms of maintaining the required Reserves in compliance to the CERC's Indian Electricity Grid Code (IEGC), Deviation Settlement Mechanism (DSM) and Ancillary Services Regulations.

Loss Trajectory

The licensee has taken various steps to reduce the losses like strengthening of the network infrastructure, addition of network elements, and vigorously undertaking the Energy Audit visit to keep a close tab on the losses. The licensee has considered the losses for FY 2023-24 as per filing figures in ARR of Retail Supply Business for FY 2023-24.

Based on the historical performance and the loss reduction measures carried out in the state, licensee has projected the losses for 5th control period as mentioned in the table below.

Voltage Level	FY 24	FY25	FY26	FY27	FY28	FY29
LT	3.74%	3.73%	3.72%	3.71%	3.70%	3.69%
11 kV	3.17%	3.16%	3.15%	3.15%	3.14%	3.13%
33 kV	3.12%	3.11%	3.10%	3.10%	3.09%	3.08%

**Distribution losses are anticipated as per the projected losses in the Retail Supply ARR filed with APERC for FY 2023-24.*

2. Distribution Plan (Capital Investment Plan)

The licensee prepared a detailed capital investment plan for the Control Period based on a comprehensive analysis of state as per the existing network loading conditions and the expected future loading of the network during each year of the control period based on the projected load growth. Below table shows the proposed capital investment of the licensee for the 5th Control period. For the purpose of RRB computation, licensee have considered loans from IPDS, DDUGY, WB etc. as loans and not grants.

Item	FY24	FY25	FY26	FY27	FY28	FY29
Total Capital Expenditure forecasted (Rs. Cr.)	3715	3254	1942	1251	1375	1496

3. O&M expense projection

Clause 6.3 (a) of the Regulation provides the following for projection of the O&M costs: *"The Operation and Maintenance (O&M) costs which include employee-related costs, repair & maintenance costs and administrative & general costs, estimated for the Base Year and the year prior to the Base Year in complete detail, together with the forecast for each year of the Control Period based on the norms proposed by the Distribution Licensee including indexation and other appropriate mechanisms...".*

Licensee has adopted the methodology recommended by commission in 3rd and 4th Control period MYT order. Below is the methodology adopted by the licensee for projection of O&M expenses for 5th Control period:

a. Repair and Maintenance (R&M) Expenses –

b. As per MYT order for 3rd and 4th Control periods, commission has recommended all the licensees to project R&M expenses as 2.05% of the opening balance of the Gross Fixed Assets (GFA) for the year. The licensee considered the same for projecting R & M expenses for 5th Control period.

c. Employee expenses (EE) and Administrative and General (A&G) expenses

As per MYT order for 3rd Control period, commission has recommended all the licensees to project EE and A&G expense based on the norms linked to Number of Substations (SS), line length (Circuit KM), Number of consumers and Number of DTRs. Licensee has adopted the same methodology for projecting the employee expenses and A&G expenses for 5th Control period.

Based on the above methods, O&M projections summary for the Control period and break-up are shown in the table below.

Parameter	Unit	FY24 (RE)	FY25	FY26	FY27	FY28	FY29
Employee Cost	Rs. Crs	1,217	1,326	1,449	1,581	1,728	1,889
A&G Cost	Rs. Crs	51	56	61	67	73	80
R&M Cost	Rs. Crs	191	224	275	346	429	505
Total O&M Expenses	**Rs. Crs**	**1,459**	**1,606**	**1,784**	**1,994**	**2,230**	**2,473**

- The proposed methodology factors both inflationary adjustment and addition of new offices/ employees due to load growth.

4. Return on Capital Employed

The licensee has computed the ROCE as provided in the Clause 15 of the Regulation which specifies that the ROCE be computed by multiplying the Regulated Rate Base (RRB) by the Weighted Average Cost of Capital (WACC). The licensee has computed the ROCE as provided in the regulation and is shown in table below.

Particulars	FY24 (RE)	FY25	FY26	FY27	FY28	FY29
Return on Capital Employed	432	550	816	1,191	1,552	1,752
Regulatory Rate Base	3,716	4,744	6,863	9,807	12,723	14,301
Additions to GFA	1,610	2,482	3,485	4,067	3,664	1,740

Particulars	FY24 (RE)	FY25	FY26	FY27	FY28	FY29
Additions to Consumer Contribution	750	462	243	136	143	150
Working Capital	156	164	166	178	198	220
WACC	11.6%	11.6%	11.9%	12.1%	12.2%	12.3%
Cost of Debt %	10.8%	10.8%	11.2%	11.5%	11.6%	11.7%
Return on Equity %	14.0%	14.0%	14.0%	14.0%	14.0%	14.0%

Licensee has considered the cost of debt as the weighted average of the debt rates for the ongoing loans and projected loans..

Particulars	FY24 (RE)	FY25	FY26	FY27	FY28	FY29
Ongoing Loans (Opening balance) (Rs. Cr.) (Excl. Working capital loans)	2,871	3,403	3,114	2,737	2,361	1,983
Debt rate of Ongoing Loans (%)	10.5%	10.4%	10.5%	10.5%	10.6%	10.6%
New Loans (Opening balance) (Rs. Cr.)	0	1,930	4,484	5,741	6,146	6,510
Debt rate of New Loans (%)	11.4%	11.6%	11.6%	12.0%	12.0%	12.0%
Weighted Average of Debt rate (%)	**10.8%**	**10.8%**	**11.2%**	**11.5%**	**11.6%**	**11.7%**

5. Depreciation:

The depreciation every year for the particular asset class has been calculated as per below formula considering the Depreciation rates for respective asset class of asset base and also Fully Depreciated Assets during the control period.

Depreciation for the year = (Opening balance of the gross fixed assets for the year – Fully Depreciated Assets till previous year) * Rate of depreciation

The total depreciation for the year is calculated by adding the yearly depreciation of each asset class. The Depreciation rates as per Ministry of Power guidelines have been assumed to arrive at next 5 years depreciation which is shown below:

Asset Class	Rate of Depreciation
Buildings and Other Civil Works	3.34%
Material Handling Equipment	5.28%
Meters / Meter Equipment	5.28%
Office Equipment and Air Conditioners	6.33%
Plant & Machinery and Lines, Cables & Network	5.28%
Furniture & Fixtures	6.33%
Vehicle – Car / Jeep / Scooter / Motor Cycle/ Lorry / Truck	9.50%
Computers and IT Equipment	15.00%
Intangible assets (Software, Goodwill etc.)	15.00%

The Fully depreciated assets till the year have been deducted from the opening balance of the next year to calculate the depreciation. Depreciation computation after considering the Fully Depreciated Assets (FDA) balances is tabulated below:

Particulars (Rs. Cr.)	FY24 (RE)	FY25	FY26	FY27	FY28	FY29
Opening Balance of assets	9302	10911	13393	16878	20946	24610
Asset Additions during the Year	1610	2482	3485	4067	3664	1740
Fully Depreciated assets during the year	189	259	339	463	814	579
Depreciation During the Year	381	457	573	736	925	1075

6. Aggregate Revenue Requirement (ARR) for each year of the third control period

Following table shows the projected revenue requirement for the distribution licensee during the 5th Control Period.

Particulars (Rs. Crs)	FY24 (RE)	FY25	FY26	FY27	FY28	FY29
O&M Charges (Net)	1,459	1,606	1,784	1,994	2,230	2,473
Depreciation	381	457	573	736	925	1,075
Advance Against Depreciation	0	0	0	0	0	0
Taxes on Income	23	29	42	61	79	88
Other Expenditure	19	20	20	21	22	22
Special Appropriations	0	0	0	0	0	0
Total Expenditure	1,882	2,112	2,420	2,811	3,256	3,659
Less: IDC and expenses capitalized*	130	240	416	449	315	140
Less: O&M expenses capitalized	0	0	0	0	0	0
Net Expenditure	1,752	1,872	2,004	2,362	2,940	3,519
Add Return on Capital Employed	432	550	816	1,191	1,552	1,752
Total Distribution ARR	2,184	2,422	2,819	3,553	4,492	5,271
Less: Wheeling Revenue from Third Party/Open Access/NTI (if any)	248	261	275	290	308	325
Revenue Requirement, (Net transferred to Retail Supply Business)	**1,936**	**2,161.32**	**2,545**	**3,263**	**4,185**	**4,946**

7. Wheeling Charges and Losses

The Licensee is striving to reduce the losses by the implementation of loss reduction measures like strengthening of the network infrastructure, addition of network elements, and vigorously undertaking the Energy Audit visit to keep a close tab on the

losses. Hence, the Licensee humbly requests the Hon'ble Commission to approve the loss trajectory as given in the table below.

Voltage Level	FY 24	FY25	FY26	FY27	FY28	FY29
LT	3.74%	3.73%	3.72%	3.71%	3.70%	3.69%
11 kV	3.17%	3.16%	3.15%	3.15%	3.14%	3.13%
33 kV	3.12%	3.11%	3.10%	3.10%	3.09%	3.08%

The licensee is proposing the following distribution wheeling charges for each of the control period. The methodology for calculating the wheeling charges is explained in MYT write-up.

Wheeling charges for Long Term OA Agreements:

Voltage Level	FY25	FY26	FY27	FY28	FY29
33 kV (Rs./kVA/Month)	83.02	98.96	130.68	172.08	199.53
11 kV (Rs./kVA/Month)	688.51	762.41	920.11	1,101.45	1,230.81
LT (Rs./kVA/Month)	846.40	950.87	1,165.04	1,426.30	1,608.03

Wheeling charges for Short Term OA Agreements

Voltage Level	FY25	FY26	FY27	FY28	FY29
33 kV (Rs./Unit)	0.12	0.14	0.18	0.24	0.28
11 kV (Rs./Unit)	0.96	1.06	1.28	1.53	1.71
LT (Rs./Unit)	1.18	1.32	1.62	1.98	2.23

- A consumer drawing energy at the 33 kV level of the Distribution licensee network would have to pay the wheeling charges for 33 kV
- A consumer drawing energy at 11 kV level of the Distribution licensee network would have to pay the wheeling charges of 11 kV
- A consumer drawing energy at LT level of the Distribution licensee network would have to pay the wheeling charges for LT

Proposal for including EHT Charges & Losses in the Wheeling Order:

For availing the wheeling services by an EHT consumer, consumers has to refer the Transmission Tariff order for the purpose of applicable charges and losses. Since Wheeling service is not privy to the voltage level and is relevant to the consumer/consumption, APDISCOMs felt it appropriate to indicate the wheeling charges for availing the network service at EHT level also in the Wheeling Tariff Order of AP Discoms from the 5th Control Period to be issued by the Hon'ble Commission for the convenience of the consumer.

In the aforesaid facts and circumstances, the Applicant request that this Hon'ble Commission may be pleased to:

(a) Take the accompanying Distribution MYT ARR and wheeling tariff application of APCPDCL for the 5th Control period on record and treat it as complete;

(b) Grant suitable opportunity to APCPDCL within a reasonable time frame to file additional material information that may be subsequently available;

(c) Consider and approve APCPDCL's Distribution MYT ARR and wheeling tariff application including all requested regulatory treatments in the filing;

(d) Pass such order as the Honourable Commission may deem fit and proper in the facts and circumstances of the case.

ANDHRA PRADESH CENTRAL POWER DISTRIBUTION CORPORATION LIMITED

(APPLICANT)

Through

Chief General Manager/RAC
APCPDCL, Vijayawada

CHIEF GENERAL MANAGER
RAC, APCPDCL
VIJAYAWADA

Place: Vijayawada
Dated: 30-11-2023.

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1 Aggregate Revenue Requirement of Distribution Business for 5th Control Period

APERC Regulation 4 of 2005 states that "*Every Distribution Licensee shall file for each of its licensed business an application for approval of its Aggregate Revenue Requirement (ARR) for each year of the Control Period, not less than 120 days before the commencement of the first year of the Control Period. This filing shall be in such form and in such manner as specified and in accordance with the Guidelines issued by the Commission. The Distribution Licensees may file such applications for ARR of the first Control Period within a period not less than 90 days before the commencement of the Control Period. The ARR filing for the Distribution a business shall be for the entire Control Period*"

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..

"The ARR filings shall contain the following

1. *The Operation and Maintenance (O&M) costs which include employee-related costs, repair & maintenance costs and administrative & general costs, estimated for the Base Year and the year prior to the Base Year in complete detail, together with the forecast for each year of the Control Period based on the norms proposed by the Distribution Licensee including indexation and other appropriate mechanisms in terms of the principles enunciated in this Regulation for O&M cost allowance.*

2. *Regulated Rate Base (RRB) for the Base Year and each year of the Control Period which requires submission of the working capital requirement and a detailed scheme/project-wise Capital Investment Plan with a capitalization schedule covering each year of the Control Period consistent with the Commission's approved* ***Resource Plan (Refer Annexure)****.*

3. *A proposal for appropriate capital structure and its cost of financing (interest cost and return on equity) for the purpose of computing Weighted Average Cost of Capital.*

4. *Targets proposed for reduction of distribution losses during the Control Period duly adhering to the Licensees' Standards of Performance Regulation.*

5. *Details of depreciation, including Advance against depreciation if any required and capitalization schedules for each year of the Control Period.*

6. *Description of external parameters proposed to be used for indexation;*

7. *Details of taxes on income;*

8. *Any other relevant expenditure;*

9. *Proposals for sharing of gains and losses;*

10. *Proposals for efficiency parameter targets;*

11. *Proposals for rewarding efficiency in performance*

12. *Any other matters considered appropriate"*

In accordance with Point no. 2 mentioned above, the Distribution licensee has already filed the Resource Plan with the Hon'ble Commission covering the Sales Forecast, Load Forecast, Power Procurement Plan and Distribution Plan (Capital Investment Plan) consistent with the requirements of the Commission's Guidelines on Load Forecast and Resource Plan. The details of the Resource plan filed with the Hon'ble Commission has been attached in Annexure-A.

1.1 Gross Fixed Assets Projections

1.1.1 Asset additions

The capital investment plan as projected in the Resource plan has been considered for arriving at the Distribution Cost for the next control period. Total capitalization for the Base Year and the Control Period has been projected based on the following assumptions:

1) Capitalization of Base Investment and Capital Work-in-Progress (CWIP): Capitalization of assets for MYT period has been considered based on historical actual capitalization trends and capital expenditure projected for the Control Period.

2) Capitalization of Expenses

   a) Interest during Construction (IDC): Interest during Construction (IDC) has been calculated as a percentage of the average Capital Works-in-Progress for the year.

   b) Operational and Maintenance (O&M) Expenses: Operational and Maintenance (O&M) Expenses capitalized has been projected at 11% to 12% of capital expenditure incurred for the year.

Thus, the licensee has projected capital investment undertaken and its capitalisation for the Base Year and Control Period as given below:

Closing Balance of CWIP = Opening Balance of CWIP + Capital Expenditure during the year + Expenses Capitalized – Investment Capitalized

Table 1: Details of the Capital Works in Progress (CWIP)

Particulars (Rs.Crs)	FY24 (RE)	FY25	FY26	FY27	FY28	FY29
Opening Balance of Capital Work in Progress (CWIP)	1,636	4,283	5,653	4,739	2,510	688
Capital Expenditure during the year	3,718	3,254	1,942	1,251	1,376	1,496
Expenses Capitalized	409	358	214	138	151	165
Interest During Construction	130	240	416	449	315	140
Total expenses capitalized	**539**	**598**	**630**	**587**	**467**	**305**
Transfer to fixed assets	1,610	2,482	3,485	4,067	3,664	1,740
Closing CWIP	**4,283**	**5,653**	**4,739**	**2,510**	**688**	**748**

1.2 Depreciation

The depreciation for the particular asset class has been calculated as per below formula considering the Depreciation rates for respective asset class of asset base and also Fully Depreciated Assets during the control period.

Depreciation for the year = (Opening balance of the gross fixed assets for the year – Fully Depreciated Assets till previous year) * Rate of depreciation

The total depreciation for the year is calculated by adding the yearly depreciation of each asset class.

During FY2022-23, **Rs. 495.26** Cr. has been incurred towards depreciation (net of additions) which has been detailed below:

Table 2: Depreciation Details

Particulars - Rs. Crs.	2022-23 (Actual)
Opening Balance of assets	7783.50
Asset Additions during the Year	1534.38
Depreciation During the Year	495.26

The Depreciation rates as per Ministry of Power guidelines have been assumed to arrive at next 5 years depreciation which is shown below:

Table 3: Depreciation Rates' Details

Asset Class	Rate of Depreciation
Buildings and Other Civil Works	3.34%
Material Handling Equipment	5.28%
Meters / Meter Equipment	5.28%
Office Equipment and Air Conditioners	6.33%
Plant & Machinery and Lines, Cables & Network	5.28%
Furniture & Fixtures	6.33%
Vehicle – Car / Jeep / Scooter / Motor Cycle/ Lorry / Truck	9.50%
Computers and IT Equipment	15.00%
Intangible assets (Software, Goodwill etc.)	15.00%

The Fully depreciated assets till the year have been deducted from the opening balance of the next year to calculate the depreciation. Depreciation computation after considering the Fully Depreciated Assets (FDA) balances is tabulated below:

Table 4: Depreciated Assets' Details

Particulars (Rs. Cr.)	FY24 (RE)	FY25	FY26	FY27	FY28	FY29
Opening Balance of assets	9302	10911	13393	16878	20946	24610
Asset Additions during the Year	1610	2482	3485	4067	3664	1740
Fully Depreciated assets during the year	189	259	339	463	814	579
Depreciation During the Year	381	457	573	736	925	1075

1.3 Consumer Contribution & Grants

The consumer contribution additions and Grants were estimated based on the past trend and new consumer additions in the next 5 years of the control period.

Below table provides the projections of the Consumer Contribution in 5th Control period.

Table 5: Consumer Contribution Details

Particulars (Rs. Cr.)	FY24 (RE)	FY25	FY26	FY27	FY28	FY29
Opening Balance	1,575	1,693	1,816	1,946	2,082	2,225
Additions during the year	344	361	379	398	418	439
Deductions during the year	226	237	249	262	275	289
Closing Balance	**1,693**	**1,816**	**1,946**	**2,082**	**2,225**	**2,375**

Below table provides the projections of the Grants in 5th Control period.

Table 6: Grants Details

Particulars (Rs. Cr.)	FY24 (RE)	FY25	FY26	FY27	FY28	FY29
Opening Balance	44	676	1,015	1,128	1,128	1,128
Additions during the year	632	339	113	0	0	0
Deductions during the year	0	0	0	0	0	0
Closing Balance	**676**	**1,015**	**1,128**	**1,128**	**1,128**	**1,128**

1.4 Working Capital

The licensee has projected the working capital requirement for the year as per below formula:

Working Capital (WC) requirement = 1/12th of the projected gross O&M cost for the year + 12% of the R&M cost towards O&M stores

The year wise projections of the working capital requirement are as follows:

Table 7: Working Capital details

Particulars (Rs. Cr.)	FY24 (RE)	FY25	FY26	FY27	FY28	FY29
Working Capital	156	164	166	178	198	220

1.5 Regulated Rate Base (RRB)

The Hon'ble Commission has issued outlined principles for computation of Regulated Rate Base (RRB) in Regulation 4 of 2005.

Calculation of RRB

The honourable commission has proposed a computation methodology (in the excel spreadsheet) for the RRB calculation for the year, which is as follows:

"RRB = (OCFA – AD – CC) + ΔRAB+WC where,

- **OCFA:** Original Cost of Fixed Assets at the beginning of the Year available for use and necessary for the purpose of the licensed business.
- **AD:** Amounts written off or set aside on account of depreciation of fixed assets pertaining to the regulated business at the beginning of the Year.
- **CC:** Total contributions made by the users towards the cost of construction of distribution/service lines by the Licensee and also include the capital grants/subsidies received for this purpose at the beginning of the year.
- **ΔRAB:** Change in the Rate Base in the year. This component would be the average of the value at the beginning and end of the year as the asset creation is spread across a year and is arrived at as follows:

  ΔRAB = (Inv – D – CC)/2

  - Inv: Investments projected to be capitalised during the year of the Control Period and approved.
  - D: Amount set aside or written off on account of Depreciation of fixed assets for the year of the Control Period.
  - CC: User Contributions pertaining to the ΔRAB and capital grants/subsidies received during year of the Control Period for construction of service lines or creation of fixed assets.

Based on the above computation methodology, RRB has been calculated as shown below table. The Original Cost of Fixed Assets (OCFA), Accumulated Depreciation and Total Consumer Contribution calculated for Base Year and 5th Control period i.e., from 2024-25 to 2028-29 are as follows:

Table 8: Regulated Rate Base Details

Particulars (Rs. Cr.)	FY24 (RE)	FY25	FY26	FY27	FY28	FY29
Assets	**10,911**	**13,393**	**16,878**	**20,946**	**24,610**	**26,350**
-OCFA Opening Balance	9,302	10,911	13,393	16,878	20,946	24,610
-Additions to OCFA	1,610	2,482	3,485	4,067	3,664	1,740
Acc Depreciation Closing Balance	**4,743**	**5,199**	**5,773**	**6,509**	**7,434**	**8,509**
- Acc Depreciation Opening Balance	4,362	4,743	5,199	5,773	6,509	7,434
- Depreciation for the year	381	457	573	736	925	1,075
Con Contributions closing balance	**2,369**	**2,831**	**3,074**	**3,210**	**3,353**	**3,503**
-Con Contributions Opening Balance	1,620	2,369	2,831	3,074	3,210	3,353
-Additions to Cons Contributions	750	462	243	136	143	150
Working Capital	156	164	166	178	198	220
Change in Rate Base	**239**	**781**	**1,335**	**1,598**	**1,298**	**258**
Regulated Rate Base	**3,716**	**4,744**	**6,863**	**9,807**	**12,723**	**14,301**

1.6 Operation & Maintenance Expense Projections

The Operation & Maintenance (O&M) Expenses consist of the following components:

a. Employee Expenses (EE) including Salaries, wages and other employee costs;

b. Administrative & General costs (A&G) including legal charges, audit fees, rent, rates and taxes;

c. Repairs and Maintenance (R&M) including equipment maintenance, repairs, fault corrections, etc.

Licensee has adopted the methodology recommended by commission in 3rd and 4th Control period MYT order. The methodology adopted by the licensee for projection of O&M expenses for 5th Control period is as follows:

a. Repair and Maintenance (R&M) Expenses –

As per MYT order for 3rd and 4th Control periods, commission has recommended all the licensees to project R&M expenses as 2.05% of the opening balance of the Gross Fixed Assets (GFA) for the year. The licensee considered the same norms for projecting R & M expenses for 5th Control period:

Table 9: R&M expenses projections for 5th Control period

Name of the Parameter (Rs. Cr.)	FY24 (RE)	FY25	FY26	FY27	FY28	FY29
Opening GFA	9,302	10,911	13,393	16,878	20,946	24,610
R&M expenses	**191**	**224**	**275**	**346**	**429**	**505**

b. Employee expenses (EE) and Administrative and General (A&G) expenses

As per MYT order for 3rd Control period, commission has recommended all the licensees to project EE and A&G expense based on the norms linked to Number of Substations (SS), line length (Circuit KM), Number of consumers and Number of DTRs. Licensee has adopted the same methodology for projecting the employee expenses and A&G expenses for 5th Control period.

The methodology for projecting employee expenses is explained below. Same methodology has been adopted for projecting A&G expenses:

(1) For each year, actual Employee expenses is allocated to Substations, Line length, DTRs and Consumers in the ratio of 49%:21%:10%:20%. The following ratios are calculated: Employee expense/ Substation, Employee expense/ circuit km of line length, Employee expense/ DTR, Employee expense/ Consumer.

Below table shows the historical data for Employee expenses, A&G expenses and Number of Substations (SS), line length (Circuit KM), Number of consumers and Number of DTRs.

Table 10: Employee and A&G expenses for 4th Control period

Parameter	Unit	FY21	FY22	FY23
Employee Expenses (EE)	Rs. Crs.	715	1,073	1,051
A&G Expenses	Rs. Crs.	49	4	67
No. of Consumers	Nos.	47,48,662	48,94,446	49,32,197
Number of DTRs	Nos.	2,40,996	2,58,969	2,81,401
Line Lengths	Kms	1,52,788	1,59,133	1,72,046
Number of SS	Nos.	857	871	897

Below table shows the historical norms for the ratios:

Table 11: Norms for Employee and A&G expenses

Parameter	Unit	FY21	FY22	FY23
EE / Consumers	Rs./ Each	301	439	426
EE / DTR	Rs./Each	2,968	4,144	3,735
EE / Line	Rs./Kms	9,830	14,162	12,829
EE /SS	Rs./ Each	40,89,242	60,37,126	57,41,358
A&G Exp/ Consumers	Rs./ Each	21	2	27
A&G Exp/DTR	Rs./ Each.	204	15	238
A&G Exp/line	Rs./Kms	675	50	819
A&G Exp/SS	Rs./ Each	2,80,907	21,378	3,66,326

(2) To arrive the average ratios, the Licensee has considered the data from FY 2020-21 onwards as APCPDCL came into existence from 01.04.2020 onwards. Average of these ratios for the 3 years between FY2020-21 and FY2022-23 has been considered as the norms for FY2020-21. These norms for FY2020-21 onwards are escalated for by using the escalation rate calculated based on the WPI and CPI index as shown below:

Escalation Rate: For the projections of the expenses, licensee has considered the escalation (inflation) rate as calculated from the WPI and CPI indexes in the 4th Control period as shown below.

Inflation rate depends on the Consumer Price Index (CPI) for industrial workers and Wholesale Price Index (WPI). The below table lists the CPI (Industrial Worker) and WPI data from FY19 to FY23.

Table 12: CPI, WPI data for FY19 to FY23

Particulars	FY19	FY20	FY21	FY22	FY23
WPI	118.90	121.20	121.80	135.00	151.30
CPI	294.83	317.42	335.00	351.43	372.17

Source: CPI - www.labourbureau.nic.in, WPI - www.eaindustry.nic.in (Office of the Economic Advisor website)

Basis the observed historical CPI and WPI numbers (CPI- Industrial Workers: 40% and WPI: 60%) and calculated the inflation factor based on the illustrative methodology suggested by CERC as shown below:

Table 13: Calculation for Inflation Rate

Year	WPI	CPI	Composite number	Rt= Yt/Y1	Ln (Rt)	Year -1	Product
FY19	118.9	294.83	189.27				
FY20	121.2	317.42	199.69	1.06	0.05	1	0.05
FY21	121.8	335.00	207.08	1.09	0.09	2	0.18
FY22	135.0	351.43	221.57	1.17	0.16	3	0.47
FY23	151.3	372.17	239.65	1.27	0.24	4	0.94
A= Sum of Product column			1.65				
B= 6A			9.90				
C= n(n-1)(2n-1); n= number of years of data			180				
D=B/C			0.05				
g= exp (D)-1			0.06				
Escalation rate= g*100			**5.65**				

Below are the projected norms for FY2020-21 onwards.

Table 14: Projected norms for Employee and A&G expenses (FY21 to FY23)

Parameter (Rs. Cr.)	FY21	FY22	FY23
EE / Consumers	389	411	434
EE / DTR	3,615	3,820	4,036
EE / Line	12,273	12,967	13,700
EE /SS	52,89,242	55,88,084	59,03,811
A&G Exp/Consumers	16	17	18
A&G Exp/DTR	152	161	170
A&G Exp/line	515	544	574
A&G Exp/SS	2,22,870	2,35,462	2,48,766

Table 15: Projected norms for Employee and A&G expenses (FY24 to FY29)

Parameter (Rs. Cr.)	FY24	FY25	FY26	FY27	FY28	FY29
EE / Consumers	458	484	512	540	571	603
EE / DTR	4,264	4,504	4,759	5,028	5,312	5,612
EE / Line	14,474	15,291	16,155	17,068	18,032	19,051
EE /SS	62,37,376	65,89,788	69,62,111	73,55,470	77,71,054	82,10,119
A&G Exp/Consumers	19	21	22	23	24	26
A&G Exp/DTR	180	190	200	212	224	236
A&G Exp/line	607	641	677	716	756	799
A&G Exp/SS	2,62,821	2,77,670	2,93,359	3,09,934	3,27,445	3,45,945

(3) The projected ratios based on the escalation rates are multiplied by the projected Number of Substations (SS), line length (Circuit KM), Number of consumers and Number of DTRs in order to arrive at the employee expenses and A&G expenses for the respective years of 5th Control period.

Below table shows the projected Number of Substations (SS), line length (Circuit KM), Number of consumers and Number of DTRs and the projected employee expense and A&G expenses:

Table 16: Projections for Employee and A&G expenses

Parameter	Unit	FY24	FY25	FY26	FY27	FY28	FY29
No. of Consumers	Nos.	5307376	5432289	5560296	5691462	5825885	5963636
Number of DTRs	Nos.	288601	294091	300131	306261	312791	319681
Line Lengths	Kms	176665	180162	184004	187912	192090	196490
Number of SS	Nos.	954	995	1040	1086	1136	1189
Employee Expenses	Rs. Cr.	1,217	1,326	1,449	1,581	1,728	1,889
A&G Expenses	Rs. Cr.	51	56	61	67	73	80

O&M projections summary for the Control period and break-up are shown in the table below.

Table 17: Summary of O&M expense projections

Parameter	Unit	FY24 (RE)	FY25	FY26	FY27	FY28	FY29
Employee Cost	Rs. Crs	1,217	1,326	1,449	1,581	1,728	1,889
A&G Cost	Rs. Crs	51	56	61	67	73	80
R&M Cost	Rs. Crs	191	224	275	346	429	505
Total O&M Expenses	**Rs. Crs**	**1,459**	**1,606**	**1,784**	**1,994**	**2,230**	**2,473**

1.7 Weighted Average Cost of Capital (WACC)

The Regulation prescribes that the licensees will be compensated for the financing costs through Return on Capital Employed (ROCE) principles. This principle is aimed to provide the licensee with the return on debt as well as return on equity at a normative level. The licensee has computed the ROCE as provided in the Clause 15 of the Regulation which specifies that the ROCE be computed by multiplying the Regulated Rate Base (RRB) by the Weighted Average Cost of Capital (WACC).

The Regulation specifies the following methodology for computation of ROCE:

Return on Capital Employed (RoCE) for the RRB for the year 'i' shall be computed in the following manner:

$RoCE_i = WACC * RRB_i$

Where RRBi is the Regulated Rate Base for the year 1 and WACC is the Weighted Average Cost of Capital. The detailed computation of RRB is explained in Section 2.5 above. With respect to the WACC, the Regulation specifies the formula as follows:

$$WACC_{RRB} = \left[\frac{D/E}{1+D/E}\right] r_d + \left[\frac{1}{1+D/E}\right] r_e$$

Where,

D/E is the Debt to Equity Ratio – Licensee is proposing a normative Debt: Equity ratio of 75:25

- r_d is the Cost of Debt – Licensee has considered the cost of debt as the weighted average of the debt rates for the ongoing loans and projected loans.

Table 18: Calculation for Debt Rate

Particulars	FY24 (RE)	FY25	FY26	FY27	FY28	FY29
Ongoing Loans (Opening balance) (Rs. Cr.) (Excl. Working capital loans)	2,871	3,403	3,114	2,737	2,361	1,983
Debt rate of Ongoing Loans (%)	10.5%	10.4%	10.5%	10.5%	10.6%	10.6%
New Loans (Opening balance) (Rs. Cr.)	0	1,930	4,484	5,741	6,146	6,510
Debt rate of New Loans (%)	11.4%	11.6%	11.6%	12.0%	12.0%	12.0%
Weighted Average of Debt rate (%)	**10.8%**	**10.8%**	**11.2%**	**11.5%**	**11.6%**	**11.7%**

Below are the various funding agencies for the ongoing loans in 5th Control Period.

Table 19: Funding Agencies for FY23, FY24, FY25

		FY23		FY24		FY25		FY26		FY27		FY28		FY29	
Sr. No.	**Funding Agency**	**Closing Balance**	**IR**	**R**	**IR**	**R**	**R**	**R**	**IR**	**R**	**IR**	**R**	**IR**	**R**	**IR**
1	REC	4283.70	8.25% to 12.15%	1756	8.25% to 12.15%	--	--	--	--	--	--	--	--	--	--
2	PFC	2907.64	8.25% to 11.25%	910	8.25% to 11.25%	--	--	--	--	--	--	--	--	--	--
3	PTC Financial Services	6.02	11.40%	--	--	--	--	--	--	--	--	--	--	--	--
4	ICD from Transco	309.06	8.05% to 9.05%	--	--	--	--	--	--	--	--	--	--	--	--
5	ICD from Genco	0.00	9.00%	94	9.00%	46	--	--	--	--	--	--	--	--	--
6	APPFCL	2576.34	9.00%	--	--	--	--	--	--	--	--	--	--	--	--
7	SBI MTL	123.79	8.75%	--	--	--	--	--	--	--	--	--	--	--	--
8	CC limits	199.82	8.50% & 13.10%	52	8.50% & 13.10%	--	--	--	--	--	--	--	--	--	--
9	SBI	650.81	10.20%	--	--	--	--	--	--	--	--	--	--	--	--
10	WB	19.13	2.24%	--	--	--	--	--	--	--	--	--	--	--	--
11	JICA	131.63	11.5%	--	--	--	--	--	--	--	--	--	--	--	--
12	IREDA	51.77	0.65%	--	--	--	--	--	--	--	--	--	--	--	--
13	FRP Bonds	123.90	9.95%	--	--	--	--	--	--	--	--	--	--	--	--
14	Bill discounting	7.58	7.18% to 8.00%	200		--	--	--	--	--	--	--	--	--	--
	Total	**11391.20**		**3012**		**46**									

R: Receipts of loans (Rs. Cr.); IR: Annual interest Rate (%)

- r_e is the Return on Equity – It has been the prevailing regulatory practice to consider 14% as the Return on Equity (ROE) in the ARR of Network business of AP Power Utilities. The APDISCOMs request the Hon'ble APERC to continue the same practice for the 5th Control period also, in view of the prevailing equity market conditions.

Based on the RRB explained earlier, the WACC and the ROCE for the 5th Control Period is as follows:

Table 20: Projected WACC

Particulars	FY24 (RE)	FY25	FY26	FY27	FY28	FY29
Capital Structure						
Debt Percent	75.0%	75.0%	75.0%	75.0%	75.0%	75.0%
Equity percent	25.0%	25.0%	25.0%	25.0%	25.0%	25.0%
Cost of Funds						
Cost of Debt percent	10.8%	10.8%	11.2%	11.5%	11.6%	11.7%
Return on Equity percent	14.0%	14.0%	14.0%	14.0%	14.0%	14.0%
WACC	**11.6%**	**11.6%**	**11.9%**	**12.1%**	**12.2%**	**12.3%**

1.8 Return on Equity

As per the Hon'ble Commission MYT Tariff order, the Return on Equity considered for arriving at Weighted Average Cost of Capital is taken as 14%.

1.9 Return on Capital Employed

The licensee has arrived at RoCE for all five years of the control period as a product of Regulated Rate Base (RRB) and Weighted Average Cost of Capital (WACC) which is as follows:

Table 21: Projected ROCE (Rs. Cr.)

Particulars	FY24 (RE)	FY25	FY26	FY27	FY28	FY29
Regulated Rate Base	3,716	4,744	6,863	9,807	12,723	14,301
WACC	11.6%	11.6%	11.9%	12.1%	12.2%	12.3%
Return on Capital Employed	432	550	816	1,191	1,552	1,752

1.10 Special Appropriations for safety measures

Licensee has not considered any additional cost towards safety measures for the 5th Control period as the same is covered under O&M expenses.

1.11 Taxes on Income

The licensee projects 15% tax (Minimum Alternate Tax) on Return on Equity during the current fiscal and during ensuing control period. The details are as follows:

Table 22: Projected Taxes on Income

	FY24 (RE)	FY25	FY26	FY27	FY28	FY29
RRB	**3,716**	**4,744**	**6,863**	**9,807**	**12,723**	**14,301**
25% of Regulatory Rate Base	929	1,186	1,716	2,452	3,181	3,575
ROE %	14.0%	14.0%	14.0%	14.0%	14.0%	14.0%
Expected Profit @ 14% on 25% of RRB	130	166	240	343	445	501
Tax on Income @ 15%	**23**	**29**	**42**	**61**	**79**	**88**

1.12 Other Expenses

The Licensee expects the other expenses to increase marginally by 3% every year. Below table shows the components of other expenses.

Table 23: Other Expenses Details

Particulars (Rs.Crs)	FY24 (RE)	FY25	FY26	FY27	FY28	FY29
Misc Other Expenses	19	20	20	21	22	22

1.13 Non- tariff income

Licensee has projected the non-tariff income based on the historical actual non-tariff income. Below is the summary of the non-tariff income for the 4th control period.

Table 24: Projections of Non-tariff income

Particulars for 33 kV OA Consumers	FY23 (Actual)	FY24 (RE)	FY25	FY26	FY27	FY28	FY29
Staff Loans & Advances	0.16	0.16	0.17	0.17	0.18	0.19	0.19
Fines & Penalties from Suppliers & Contractors	5.96	6.14	6.33	6.52	6.71	6.91	7.12
Profit on Sale of Scrap	0.05	0.05	0.05	0.05	0.05	0.05	0.06
Sale of Tender Schedules	0.09	0.09	0.10	0.10	0.10	0.10	0.11
Rental from Contractors	2.98	3.07	3.16	3.25	3.35	3.45	3.56
Supervision Charges	1.02	1.05	1.08	1.11	1.15	1.18	1.22
Miscellaneous Income	5.97	6.15	6.33	6.52	6.72	6.92	7.13
Withdrawal from Consumer Contribution towards Depreciation on Fixed Assets	215.41	226.18	237.49	249.36	261.83	274.92	288.67
Total (Rs. Crs.)	**231.63**	**242.89**	**254.70**	**267.09**	**280.09**	**293.73**	**308.04**

1.14 Revenue Requirement

Following table shows the projected revenue requirement for the distribution licensee during the 5th Control Period.

Table 25: Projected Revenue Requirement for 5th Control Period

Particulars (Rs. Crs)	FY24 (RE)	FY25	FY26	FY27	FY28	FY29
O&M Charges (Net)	1,459	1,606	1,784	1,994	2,230	2,473
Depreciation	381	457	573	736	925	1,075
Advance Against Depreciation	0	0	0	0	0	0
Taxes on Income	23	29	42	61	79	88
Other Expenditure	19	20	20	21	22	22
Special Appropriations	0	0	0	0	0	0
Total Expenditure	1,882	2,112	2,420	2,811	3,256	3,659
Less: IDC and expenses capitalized*	130	240	416	449	315	140
Less: O&M expenses capitalized	0	0	0	0	0	0
Net Expenditure	1,752	1,872	2,004	2,362	2,940	3,519
Add Return on Capital Employed	432	550	816	1,191	1,552	1,752
Total Distribution ARR	2,184	2,422	2,819	3,553	4,492	5,271
Less: Wheeling Revenue from Third Party/Open Access/NTI (if any)	248	261	275	290	308	325
Revenue Requirement, (Net transferred to Retail Supply Business)	**1,936**	**2,161.32**	**2,545**	**3,263**	**4,185**	**4,946**

2 Wheeling Charges and Losses

The Distribution Licensee has captured the historical Contracted Demand of 33 kV and 11 kV with diversity factor of 60%. Whereas, Coincident demand of LT category has been considered with high diversity factors in LT connected load, restricted supply given to agricultural consumers. The diversity in LT loads is taken as 15%

2.1 Determination of voltage wise demand

The Distribution Licensee has captured the historical Contracted Demand of 33 kV and 11 kV. Whereas, Coincident demand of LT category has been considered due to high diversity factor in LT connected load, restricted supply given to agricultural consumers. The coincident demand has been considered as the average of the contracted demand for each year.

The Contracted Demand of 33 kV and 11 kV and Coincident demand of LT for each year of the third Control Period is shown as below.

Table 26: Contracted demand and Coincident demand (MW)

Parameter	Voltage Level	FY21	FY22	FY23
Contracted Load – CD_{33}	33 kV	275	293	299
Contracted Load – CD_{11}	11 kV	430	466	504
Coincident Demand – CID_{LT}	LT	1358	1449	1555

Considering the historical growth of the above, the Licensee has projected the Contracted Demand of 33 kV and 11 kV and Coincident demand of LT for each year of the 5th Control.

Table 27: Voltage-wise Demand (MW)

Parameter	Voltage Level	FY24	FY25	FY26	FY27	FY28	FY29
Contracted Load – CD_{33}	33 kV	314	329	345	361	382	400
Contracted Load – CD_{11}	11 kV	531	559	594	627	670	711
Coincident Demand – CID_{LT}	LT	1,569	1,641	1,718	1,798	1,882	1,969

The Load at 33 KV contributed from all voltages was computed by adding up the following

- Grossed up 33 kV Contracted Load with 33 kV losses
- Grossed up 11 kV Contracted Load with 11 kV losses and further by 33 kV losses
- Grossed up Coincident Demand of LT with LT losses and further by 11kV and then by 33 kV losses

The Load at 11 kV contributed from all the voltages was computed by adding the following

- Grossed up 11 kV Contracted load with 11 kV losses
- Grossed up Coincident Demand of LT with LT losses and further by 11kV

The Load at LT contributed from all the voltages was computed by adding the following

- Grossed up Coincident Demand of LT with LT losses

Below is the assumptions considered for wheeling losses.

The licensee has taken necessary steps to reduce the losses like strengthening of the network infrastructure, addition of network elements, and vigorously undertaking the Energy Audit visit to keep a close tab on the losses. The licensee has considered the losses for FY 2023-24 as per filing figures in ARR of Retail Supply Business for FY 2023-24.

Based on the historical performance and the loss reduction measures carried out in the state, licensee has projected the losses for 5th control period as mentioned in the table below.

Table 28: Loss Trajectory for LICENSEE

Voltage Level	FY 24	FY25	FY26	FY27	FY28	FY29
LT	3.74%	3.73%	3.72%	3.71%	3.70%	3.69%
11 kV	3.17%	3.16%	3.15%	3.15%	3.14%	3.13%
33 kV	3.12%	3.11%	3.10%	3.10%	3.09%	3.08%

**Distribution losses are considered as per the projected losses in the Retail Supply ARR filed with APERC for FY 2023-24.*

The losses has been considered as per the Resource Plan filed with APERC for the 5th Control Period.

The below table lists the Demand and Contracted load after adjusting for the losses:

Table 29: Voltage-wise Load after loss adjustment (MW)

	FY25	FY26	FY27	FY28	FY29
Load at 33 kV from all voltages	2,752	2,890	3,031	3,189	3,348
Load at 11 kV from all voltages	2,337	2,456	2,575	2,709	2,845
Load at LT from all voltages	1,705	1,784	1,867	1,954	2,045

2.2 Determination of voltage wise Gross Fixed Assets

The Distribution licensee has projected voltage wise asset base (GFA) for each year of the control period based on opening GFA and projected assets addition. The following table summarizes voltage wise assets for each year of the MYT 5th Control Period:

Table 30: Voltage-wise Asset Base (Rs.Crs)

Voltage level	FY25	FY26	FY27	FY28	FY29
33 kV	2,511	3,207	3,980	4,799	5,138
11 kV	8,471	10,633	13,196	15,258	16,337
LT	2,411	3,038	3,770	4,553	4,875
Total	**13,393**	**16,878**	**20,946**	**24,610**	**26,350**

The GFA additions are projected based on physical assets added to the respective voltages. However, voltage wise GFA should be segregated based on exclusive utilization of asset for the respective voltage level i.e. 11 kV assets being used by 11 kV loads and LT loads, 33 kV assets being used by 33 kV, 11 kV and LT loads. Exclusive voltage wise assets have been segregated based on Contracted demand for 33 kV and 11 kV and Coincident demand for LT after adjusting for losses - apportioning of 33 kV asset base towards 33 kV, 11 kV and LT, apportioning of 11 kV asset base towards 11 kV and LT. The LT asset base is considered 100% towards LT. Voltage wise asset base after apportioning is as shown below:

Table 31: 33 kV Voltage Asset Base Apportioning (Rs.Crs)

	FY25	FY26	FY27	FY28	FY29
33 kV	310	395	490	593	633
11 kV	543	702	878	1,074	1,162
LT	1,658	2,110	2,612	3,132	3,343
Total	**2,511**	**3,207**	**3,980**	**4,799**	**5,138**

Table 32: 11 kV Voltage Asset Base Apportioning (Rs.Crs)

	FY25	FY26	FY27	FY28	FY29
11 kV	2,091	2,655	3,318	3,896	4,215
LT	6,380	7,978	9,877	11,362	12,122
Total	**8,471**	**10,633**	**13,196**	**15,258**	**16,337**

Table 33: LT level Asset Base Apportioning (Rs.Crs)

	FY25	FY26	FY27	FY28	FY29
LT	2,411	3,038	3,770	4,553	4,875
Total	**2,411**	**3,038**	**3,770**	**4,553**	**4,875**

Table 34: Total Asset Base Apportioning at each voltage level (Rs.Crs)

	FY25	FY26	FY27	FY28	FY29
33 kV	310	395	490	593	633
11 kV	2,635	3,358	4,196	4,970	5,378
LT	10,448	13,126	16,260	19,047	20,339
Total	**13,393**	**16,878**	**20,946**	**24,610**	**26,350**

2.3 Allocation of ARR Cost allocation methodology

Distribution Licensee has proposed allocation of ARR components to the various voltages for determination of wheeling charges as shown below:

2.3.1 O&M Expense allocation

1) Employee Expenses (EE) and Administrative & General Expenses (A&G)

Employee expenses and A&G expenses have been apportioned as per the distribution of No. of Consumers, Number of DTRs, Length of lines and Number of SS.

a) Licensee projected the voltage wise No. of Consumers, Number of DTRs, Lengths of lines and Number of SS and then observed voltage-wise percentage of each of these parameters.

b) As per employee expenses and A&G expenses projections done in section 2.6, licensee allocated these expense into SS, line length, DTR and consumer in the ratio of 49% : 21% : 10% : 20%.

c) Expense allocation of SS, line length, DTR and consumers are then apportioned to LT, 11kV and 33kV voltage level as per the observed percentages of these parameters.

2) Repairs & Maintenance (R&M) expenses

The Distribution licensee has observed that the actual R&M expenses are a function of asset base. An increase in the asset base leads to a proportional increase in R&M expenses. Hence, R&M Expenses have been allocated based on the voltage level asset base (net).

2.3.2 Depreciation, Interest/ROCE, Taxes and Other Expenses

Depreciation Interest/ROCE, Taxes and Other Expenses computation is directly linked to the asset base. Hence, they have been allocated based on the apportioned asset base.

ARR

The voltage wise ARR has been arrived with the methodology explained above which is summarized in the below table:

Table 35: ARR for Wheeling Charges (Rs.Crs)

		FY25	FY26	FY27	FY28	FY29
ARR_{33}	33 kV	33	41	57	79	96
ARR_{11}	11 kV	462	543	693	886	1,050
ARR_{LT}	LT	1,667	1,960	2,513	3,220	3,800
	Total	**2,161**	**2,545**	**3,263**	**4,185**	**4,946**

The voltage wise wheeling charges are computed by dividing the ARR at that voltage level divided by the Demand at that voltage level arrived in section 3.2 as summarized in the below table.

Table 36: Computaiton for Voltage-wise Wheeling Charges

Voltage Level	Voltage-wise wheeling charges
33kV	ARR_{33} / CD_{33}
11kV	ARR_{11} / CD_{11}
LT	ARR_{LT} / CID_{LT}

CD - Contracted demand adjusted for losses

CID - Coincident demand

Based on the methodology explained above, the licensee is proposing the following distribution wheeling charges for each of the control period.

Table 37: Distribution Wheeling Charges for 5th Control Period

Wheeling Charges for Long Term OA Agreements:

Voltage Level	FY25	FY26	FY27	FY28	FY29
33 kV (Rs./kVA/Month)	83.02	98.96	130.68	172.08	199.53
11 kV (Rs./kVA/Month)	688.51	762.41	920.11	1,101.45	1,230.81
LT (Rs./kVA/Month)	846.40	950.87	1,165.04	1,426.30	1,608.03

Wheeling Charges for Short Term OA Agreements:

Voltage Level	FY25	FY26	FY27	FY28	FY29
33 kV (Rs./Unit)	0.12	0.14	0.18	0.24	0.28
11 kV (Rs./Unit)	0.96	1.06	1.28	1.53	1.71
LT (Rs./Unit)	1.18	1.32	1.62	1.98	2.23

- The consumer drawing energy at the 33 kV level of the Distribution licensee network would have to pay the wheeling charges for 33 kV
- The consumer drawing energy at 11 kV level of the Distribution licensee network would have to pay the wheeling charges of 11 kV
- The consumer drawing energy at LT level of the Distribution licensee network would have to pay the wheeling charges for LT

The activity of Wheeling is defined as below under section 2 (75) of the Electricity Act-2003

"wheeling" means the operation whereby the distribution system and associated facilities of a transmission licensee or distribution licensee, as the case may be, are used by another person for the conveyance of electricity on payment of charges to be determined under section 62;

Since all the consumers including those connected at EHT network (132kV & above) are in the fold of the APDISCOMs and drawals of consumers from Open Access sources i.e Third Party Generators / Traders or Exchanges is included in the DISCOM drawals, the wheeling service is supposed to be provided by the DISCOMs only. The DISCOMs are already paying Transmission Charges for their peak drawal which includes drawls pertaining to intra state and interstate open access transactions.

For availing the wheeling service by an EHT consumer, he has to refer the Transmission Tariff order for the purpose of applicable charges and losses. Since Wheeling service is not privy to the voltage level and is relevant to the consumer / consumption, APDISCOMs

felt it appropriate to indicate the wheeling charges for availing the network service at EHT level also in the Wheeling Tariff Order from the 5th Control period, issued by the Hon'ble Commission for the convenience of the Consumer.

As per clause 18 of APERC Open Access Regulation regarding payment terms & conditions, the Distribution Licensee has to invoice an User in respect of the Open Access charges. By indicating transmission charges also in the Wheeling order, facilitation is provided such that the prospective consumers need not refer the transmission order for the purpose of availing the service.

Annexure A

3 Sales Forecast, Load Forecast, Capital Expenditure

3.1 Sales Projections for Non-scheduled Consumers

Based on projected CAGRs, category-wise sales projections for 5th Control Period has been shown below:

Table 38: Sales projections for 5th Control Period (MUs)

Consumer Category	FY23	FY24	FY25	FY26	FY27	FY28	FY29	CAGR
LT Category								
Domestic	5,295	5,685	5,952	6,231	6,524	6,831	7,154	5.14%
Commercial & Others	1,044	1,121	1,168	1,217	1,269	1,322	1,378	4.74%
Industry	477	523	540	558	577	596	616	4.36%
Institutional	322	336	355	376	399	422	448	5.67%
Agriculture & Related	3,029	3,300	3,465	3,659	3,842	4,034	4,236	5.75%
LT Total	**10,165**	**10,965**	**11,481**	**12,042**	**12,610**	**13,206**	**13,831**	**5.27%**
HT Category								
Domestic	14	15	15	16	16	17	18	3.95%
Commercial & Others	511	512	539	567	596	628	661	4.37%
Industry	2,798	3,026	3,957	4,122	7,897	8,083	8,282	19.83%
Institutional	594	632	648	667	690	721	753	4.04%
Agriculture & Related	74	96	98	115	118	145	151	12.60%
HT Total	**3,991**	**4,281**	**5,257**	**5,486**	**9,317**	**9,594**	**9,865**	**16.28%**
LT+HT Total	**14,157**	**15,246**	**16,738**	**17,528**	**21,927**	**22,800**	**23,696**	**8.96%**

3.2 Sales forecast for Open Access Consumers

Table 39: Sales projections for 5th Control Period (MUs) _ Open Access

OA Categories	FY24	FY25	FY26	FY27	FY28	FY29
3rd Party	79	84	89	94	100	106
IEX	58	62	66	70	74	78
Intrastate	181	192	204	216	229	243
Total (MUs)	**319**	**338**	**359**	**380**	**403**	**427**

3.3 Load Forecast

On the basis of Energy Input at 33 kV level for Discom and circles and assumed load factors for FY 2022-23, the licensee projected demand in MW for 5th period as per formula mentioned below:

Peak Demand (MW) = Energy required / (24*365/1000)/ load factor

3.3.1 State Level Demand forecast

The peak demand forecasted at the state level has been shown below:

Table 40: State peak demand for 5th Control Period

Parameters	FY23 (Actuals)	FY24	FY25	FY26	FY27	FY28	FY29	CAGR
Energy Req at state level (MU)	72400	79472	85365	90924	99731	105179	111378	**7.44%**
State Peak Demand (MW)	12293	13746	15226	16256	17831	18805	19913	**8.37%**

3.3.2 Circle/Discom Level Demand forecast

On the basis of non-coincident load factors and energy input at 33 kV level each Discom & circle level, mentioned above, non-coincident peak demands at Discom level & at circle level have also been estimated. Summary of the non-coincident peak demands at Licensee is shown below

Table 41: LICENSEE Non-coincident peak demand (MW)

Circle/Peaks at 33 kV level	FY23	FY24	FY25	FY26	FY27	FY28	FY29	FY30	FY31	FY32	FY33	FY34
Vijayawada	1071	1154	1207	1265	1324	1388	1455	1527	1600	1678	1760	1847
Guntur	980	1041	1088	1139	1191	1250	1310	1375	1442	1513	1591	1674
Ongole	646	696	736	783	828	878	929	983	1040	1099	1162	1229
APCPDCL	**2645**	**2835**	**2971**	**3123**	**3277**	**3444**	**3619**	**3805**	**3997**	**4201**	**4418**	**4649**

3.4 Capital Expenditure Projections for 5th Control Period

Table 42: Total Forecasted CAPEX for 5th Control period

Item	FY24	FY25	FY26	FY27	FY28	FY29
Total Capital Expenditure forecasted (Rs. Cr.)	3715	3254	1942	1251	1375	1496

Company name	**APCPDCL**
Filing Date (dd/mm/yy)	**30.11.2023**
Multi Year Tariff Period	**FY 2025 to FY 2029**
Base Year	**FY 2024**
Date Submitted	
No. of Years	**5**
Type of Data	**Filing**
Business type	**Distribution**

S. No.	Title	Form No.
1	**Revenue Requirement**	Form 1.0
2	**Regulated Rate Base**	Form 1a
3	**Capital Structure**	Form 1b
4	**Wheeling Revenue from Third Party/Open Access**	Form 1 c
5	**BALANCE SHEET**	Form 1.1(i)
6	**GROSS FIXED ASSETS**	Form 1.1 a
7	**ACCUMULATED DEPRECIATION**	Form 1.1 b
8	**Capital Work in Progress**	Form 1.1 c
9	**INVESTMENT PLAN**	Form 1.1d
10	**Voltage wise asset base**	Form 1.1e
11	**New Loans**	Form1.1 g(i)
12	**Loans**	Form 1.1g
13	**FOREIGN CURRENCY LOANS & CREDIT**	Form 1.1h
14	**CURRENT ASSETS**	Form 1.1j
15	**CURRENT LIABILITIES**	Form 1.1k
16	**RESERVES**	Form 1.1n
17	**Cash Flow Statement**	Form 1.2
18	**Operation and Maintenance Expenses**	Form 1.3a
19	**WORKING CAPITAL**	Form 1.3(i)
20	**Other Expenses**	Form 1.3i
21	**Distribution System Losses**	Form 3.3
22	**Contributions and Grants**	Form 7.0
23	**Revenue Surplus / (deficit) at current tariffs**	Form 8
24	**Revenue Surplus / (deficit) at Proposed tariffs**	Form 9
25	**Non Tariff Income**	Form 10

Form 1.0 - Revenue Requirement

This form refers to the net revenue requirements transferred to Retail Supply Business

Amount in Rs Crores

Particulars	D Link	Base Year	Year 1	Year 2	Year 3	Year 4	Year 5
Operation and Maintenance Charges		1458.68	1605.93	1784.21	1993.76	2230.20	2473.41
Depreciation		381.29	456.52	573.16	735.99	925.27	1074.98
Advance Against Depreciation		0.00	0.00	0.00	0.00	0.00	0.00
Taxes on Income		22.95	29.30	42.39	60.57	78.59	88.33
Other Expenditure		19.27	19.85	20.44	21.06	21.69	22.34
Special Appropriations		0.00	0.00	0.00	0.00	0.00	0.00
Total Expenditure		**1882.20**	**2111.60**	**2420.21**	**2811.38**	**3255.74**	**3659.05**
Less: IDC and expenses capitalized*		130.19	239.70	416.44	449.07	315.29	139.95
Less: O&M expenses capitalized		0.00	0.00	0.00	0.00	0.00	0.00
Net Expenditure		**1752.01**	**1871.91**	**2003.77**	**2362.31**	**2940.45**	**3519.10**
Add Return on Capital Employed		432.34	550.36	815.57	1190.79	1552.05	1752.14
Total Distribution ARR		**2184.35**	**2422.27**	**2819.34**	**3553.10**	**4492.50**	**5271.24**
Less: Wheeling Revenue from Third Party/Open Access/NTI (if any)		248.26	260.95	274.74	290.42	307.64	324.82
Revenue Requirement, (Net transferred to Retail Supply Business)		**1936.10**	**2161.32**	**2544.61**	**3262.68**	**4184.86**	**4946.42**

*To be provided only if included as part of Total expenditure

Form 1a - Regulated Rate Base

This form pertains to the rate base calculation

Amount in Rs Crores

Particulars	D Link	Base Year	Year 1	Year 2	Year 3	Year 4	Year 5
Assets		**10911.42**	**13393.24**	**16878.25**	**20945.60**	**24609.84**	**26350.32**
OCFA Opening Balance		9301.70	10911.42	13393.24	16878.25	20945.60	24609.84
Additions to OCFA		1609.72	2481.82	3485.01	4067.35	3664.24	1740.48
Depreciation		**4742.97**	**5199.49**	**5772.65**	**6508.64**	**7433.91**	**8508.88**
Opening Balance		4361.68	4742.97	5199.49	5772.65	6508.64	7433.91
Depreciation during the Year		381.29	456.52	573.16	735.99	925.27	1074.98
Consumer Contributions		**2369.11**	**2831.49**	**3074.04**	**3210.07**	**3352.91**	**3502.88**
Cons Contributions Opening Balance		1619.60	2369.11	2831.49	3074.04	3210.07	3352.91
Additions to Cons Contributions		749.51	462.38	242.55	136.03	142.83	149.97
Working Capital		155.63	163.66	166.48	177.62	198.46	219.83
Change in Rate Base		**239.46**	**781.46**	**1334.65**	**1597.67**	**1298.07**	**257.76**
Regulated Rate Base		**3715.51**	**4744.46**	**6863.39**	**9806.84**	**12723.42**	**14300.62**

Form 1b - Capital Structure

This form pertains to the calculation of the Weighted Average Cost of capital

In Percentage

Particulars	D Link	Base Year	Year 1	Year 2	Year 3	Year 4	Year 5
Capital Structure							
Debt Percent		75.0%	75.0%	75.0%	75.0%	75.0%	75.0%
Equity percent		25.0%	25.0%	25.0%	25.0%	25.0%	25.0%
Cost of Funds							
Cost of Debt percent		10.8%	10.8%	11.2%	11.5%	11.6%	11.7%
Return on Equity percent		14.0%	14.0%	14.0%	14.0%	14.0%	14.0%
WACC		**11.6%**	**11.6%**	**11.9%**	**12.1%**	**12.2%**	**12.3%**

Form 1 c **Wheeling Revenue from Third Party/Open Access**

This form refers to the wheeling revenues generated from the third party or open access

Please fill in the required details pertaining to each year

S.No.	Voltage Level	D Link	Base Year			Year 1			Year 2			Year 3			Year 4			Year 5			Remarks					
			Contracted Capacity (MVA)	Monthly Wheeling Charges Rs/kVA/month	Total Charges (Rs. Crs.)	Contracted Capacity (MVA)	Monthly Wheeling Charges	Total Charges (Rs. Crs.)	Contracted Capacity (MVA)	Monthly Wheeling Charges	Total Charges (Rs. Crs.)	Contracted Capacity (MVA)	Monthly Wheeling Charges	Total Charges (Rs. Crs.)	Contracted Capacity (MVA)	Monthly Wheeling Charges	Total Charges (Rs. Crs.)	Contracted Capacity (MVA)	Monthly Wheeling Charges	Total Charges (Rs. Crs.)	Base Year	Year 1	Year 2	Year 3	Year 4	Year 5
	33 kV				3.90			4.27			5.35			7.42			10.27			12.50						
	11 kV				1.47			1.97			2.30			2.92			3.67			4.30						
	LT				0.00			0.00			0.00			0.00			0.00			0.00						
	Total		**0.00**	**0.00**	**5.36**	**0.00**	**0.00**	**6.25**	**0.00**	**0.00**	**7.65**	**0.00**	**0.00**	**10.34**	**0.00**	**0.00**	**13.94**	**0.00**	**0.00**	**16.81**						

33kV

S.No.	Third Party/ Open Access Consumer (Particulars)	D Link	Base Year				Year 1				Year 2				Year 3				Year 4				Year 5			
			Contracted Capacity (MVA)	No of Months Contracted for	Monthly Wheeling Charges Rs/kVA/month	Total Charges (Rs. Crs.)	Contracted Capacity (MVA)	No of Months Contracted for	Monthly Wheeling Charges	Total Charges (Rs. Crs.)	Contracted Capacity (MVA)	Recorded Maximum Demand (MVA)	Monthly Wheeling Charges	Total Charges (Rs. Crs.)	Contracted Capacity (MVA)	No of Months Contracted for	Monthly Wheeling Charges	Total Charges (Rs. Crs.)	Contracted Capacity (MVA)	No of Months Contracted for	Monthly Wheeling Charges	Total Charges (Rs. Crs.)	Contracted Capacity (MVA)	No of Months Contracted for	Monthly Wheeling Charges	Total Charges (Rs. Crs.)
1	**Total**		**40.85**	**12.00**	**79.48**	3.90				0.00				0.00				0.00				0.00				0.00
2						0.00	**42.89**	**12.00**	**83.04**	4.27				0.00				0.00				0.00				0.00
3						0.00				0.00	**45.03**	**12.00**	**99.02**	5.35				0.00				0.00				0.00
4						0.00				0.00				0.00	**47.28**	**12.00**	**130.85**	7.42				0.00				0.00
5						0.00				0.00				0.00				0.00	**49.64**	**12.00**	**172.39**	10.27				0.00
6						0.00				0.00				0.00				0.00				0.00	**52.12**	**12.00**	**199.93**	12.50
	Total					3.90				4.27				5.35				7.42				10.27				12.50

11kV

S.No.	Third Party/Open Access Consumer (Particulars)	D Link	Base Year				Year 1				Year 2				Year 3				Year 4				Year 5			
			Contracted Capacity (MVA)	No of Months Contracted for	Monthly Wheeling Charges Rs/kVA/month	Total Charges (Rs. Crs.)	Contracted Capacity (MVA)	No of Months Contracted for	Monthly Wheeling Charges	Total Charges (Rs. Crs.)	Contracted Capacity (MVA)	No of Months Contracted for	Monthly Wheeling Charges	Total Charges (Rs. Crs.)	Contracted Capacity (MVA)	No of Months Contracted for	Monthly Wheeling Charges	Total Charges (Rs. Crs.)	Contracted Capacity (MVA)	No of Months Contracted for	Monthly Wheeling Charges	Total Charges (Rs. Crs.)	Contracted Capacity (MVA)	No of Months Contracted for	Monthly Wheeling Charges	Total Charges (Rs. Crs.)
1	**Total**		**2.28**	**12.00**	**536.83**	1.47				0.00				0.00				0.00				0.00				0.00
2						0.00	**2.39**	**12.00**	**688.61**	1.97				0.00				0.00				0.00				0.00
3						0.00				0.00	**2.51**	**12.00**	**762.76**	2.30				0.00				0.00				0.00
4						0.00				0.00				0.00	**2.64**	**12.00**	**920.95**	2.92				0.00				0.00
5						0.00				0.00				0.00				0.00	**2.77**	**12.00**	**1102.95**	3.67				0.00
6						0.00				0.00				0.00				0.00				0.00	**2.91**	**12.00**	**1232.73**	4.30
	Total					1.47				1.97				2.30				2.92				3.67				4.30

LT

S.No.	Third Party/Open Access Consumer (Particulars)	D Link	Base Year				Year 1				Year 2				Year 3				Year 4				Year 5			
			Contracted Capacity (MVA)	No of Months Contracted for	Monthly Wheeling Charges Rs/kVA/month	Total Charges (Rs. Crs.)	Contracted Capacity (MVA)	No of Months Contracted for	Monthly Wheeling Charges	Total Charges (Rs. Crs.)	Contracted Capacity (MVA)	No of Months Contracted for	Monthly Wheeling Charges	Total Charges (Rs. Crs.)	Contracted Capacity (MVA)	No of Months Contracted for	Monthly Wheeling Charges	Total Charges (Rs. Crs.)	Contracted Capacity (MVA)	No of Months Contracted for	Monthly Wheeling Charges	Total Charges (Rs. Crs.)	Contracted Capacity (MVA)	No of Months Contracted for	Monthly Wheeling Charges	Total Charges (Rs. Crs.)
1						0.00				0.00				0.00				0.00				0.00				0.00
2						0.00				0.00				0.00				0.00				0.00				0.00
3						0.00				0.00				0.00				0.00				0.00				0.00
4						0.00				0.00				0.00				0.00				0.00				0.00
5						0.00				0.00				0.00				0.00				0.00				0.00
6						0.00				0.00				0.00				0.00				0.00				0.00
	Total		0.00			0.00	0.00			0.00	0.00			0.00	0.00			0.00	0.00			0.00	0.00			0.00

Form 1.1(i) - BALANCE SHEET

Particulars	D Link	Base Year	Year 1	Year 2	Year 3	Year 4	Year 5
ASSETS							
Gross Fixed Assets		10911.42	13393.24	16878.25	20945.60	24609.84	26350.32
Less: Accumulated Depreciation		4742.97	5199.49	5772.65	6508.64	7433.91	8508.88
Net Fixed Assets		6168.45	8193.75	11105.60	14436.96	17175.93	17841.43
Capital Expenditure-in-progress		4282.68	5652.71	4739.38	2510.02	688.01	748.32
Investments		102.38	102.38	102.38	102.38	102.38	102.38
Current Assets		6971.00	7244.34	7420.75	7905.56	8314.68	8745.19
Assets not in use							
Miscellaneous Expenditure		0.00	0.00	0.00	0.00	0.00	0.00
Others		19.29	19.70	20.12	20.56	21.00	21.45
TOTAL ASSETS		17543.79	21212.88	23388.23	24975.48	26302.01	27458.77
LIABILITIES							
Equity		0.10	0.10	0.10	0.10	0.10	0.10
Reserves		-5280.52	-4188.56	-3333.03	-2650.06	-2027.97	-1360.59
Indian Loans		9585.11	7316.00	6106.13	4954.26	3787.67	2620.48
Foreign Loans		0.00	0.00	0.00	0.00	0.00	0.00
Current Liabilities		8817.99	9131.93	9424.90	9820.47	10260.04	10713.05
Contributions & Grants		749.51	462.38	242.55	136.03	142.83	149.97
Payment due on Capital Liabilities		0.00	0.00	0.00	0.00	0.00	0.00
Others		3671.62	8491.03	10947.58	12714.69	14139.34	15335.76
Surplus/(Deficit)		0.00	0.00	(0.00)	0.00	0.00	0.00
TOTAL LIABILITIES		**17543.79**	**21212.88**	**23388.23**	**24975.48**	**26302.01**	**27458.77**

Form 1.1 a - GROSS FIXED ASSETS

Base Year **Amount in Rs. Crores**

Asset Particulars	D Link	At the beginning of the year	Additions during the year	Adjustment & deductions	At the end of the year	Remarks
TANGIBLE ASSETS:						
Land & land rights		0.01	3.98	0.00	3.99	
Buildings		92.22	15.48	0.00	107.70	
Other civil works		76.29	11.85	0.00	88.14	
Plant & Machinery						
Plant and Machinery - 33 kV		709.10	150.85	0.00	859.95	
Plant and Machinery - 11 kV		3685.50	558.82	0.00	4244.32	
Plant and Machinery - LT		271.53	94.57	0.00	366.11	
Metering Equipments		732.16	134.11	0.00	866.27	
Others		100.10	93.86	0.00	193.96	
Line Cable Network						
Line Cable Network - 33 kV		421.06	84.67	0.00	505.73	
Line Cable Network - 11 kV		1622.68	280.04	0.00	1902.72	
Line Cable Network - LT		1421.39	169.81	0.00	1591.19	
Others		0.51	0.05	0.00	0.56	
Vehicles		2.96	0.12	0.00	3.08	
Furniture & Fixtures		3.66	0.40	0.00	4.06	
Office Equipment		42.31	1.06	0.00	43.37	
Computers & IT Equipment		111.83	9.32	0.00	121.15	
Low Value Assets		0.82	0.00	0.00	0.82	
Air Conditioner		0.51	0.00	0.00	0.51	
Merger Assets - Balance		0.00	0.00	0.00	0.00	
INTANGIBLE ASSETS:		0.00	0.00	0.00	0.00	
Software		7.07	0.70	0.00	7.77	
Goodwill		0.00	0.00	0.00	0.00	
Total		**9301.70**	**1609.72**	**0.00**	**10911.42**	

Year 1 **Amount in Rs. Crores**

Asset Particulars	D Link	At the beginning of the year	Additions during the year	Adjustment & deductions	At the end of the year	Remarks
TANGIBLE ASSETS:						
Land & land rights		3.99	6.76	0.00	10.76	
Buildings		107.70	23.47	0.00	131.16	
Other civil works		88.14	18.08	0.00	106.22	
Plant & Machinery						
Plant and Machinery - 33 kV		859.95	256.81	0.00	1116.76	
Plant and Machinery - 11 kV		4244.32	766.02	0.00	5010.34	
Plant and Machinery - LT		366.11	124.68	0.00	490.79	
Metering Equipments		866.27	239.95	0.00	1106.22	
Others		193.96	184.69	0.00	378.65	
Line Cable Network						
Line Cable Network - 33 kV		505.73	133.45	0.00	639.17	
Line Cable Network - 11 kV		1902.72	445.26	0.00	2347.98	
Line Cable Network - LT		1591.19	270.35	0.00	1861.55	
Others		0.56	0.05	0.00	0.61	
Vehicles		3.08	0.11	0.00	3.19	
Furniture & Fixtures		4.06	0.48	0.00	4.54	
Office Equipment		43.37	1.06	0.00	44.44	
Computers & IT Equipment		121.15	9.98	0.00	131.13	
Low Value Assets		0.82	0.00	0.00	0.83	
Air Conditioner		0.51	0.00	0.00	0.51	
Merger Assets - Balance		0.00	0.00	0.00	0.00	
INTANGIBLE ASSETS:		0.00	0.00	0.00	0.00	
Software		7.77	0.62	0.00	8.39	
Goodwill		0.00	0.00	0.00	0.00	
Total		**10911.42**	**2481.82**	**0.00**	**13393.24**	

Year 2 **Amount in Rs. Crores**

Asset Particulars	D Link	At the beginning of the year	Additions during the year	Adjustment & deductions	At the end of the year	Remarks
TANGIBLE ASSETS:						
Land & land rights		10.76	10.48	0.00	21.23	
Buildings		131.16	34.44	0.00	165.60	
Other civil works		106.22	27.39	0.00	133.61	
Plant & Machinery						
Plant and Machinery - 33 kV		1116.76	351.82	0.00	1468.57	
Plant and Machinery - 11 kV		5010.34	1107.30	0.00	6117.64	
Plant and Machinery - LT		490.79	174.39	0.00	665.18	
Metering Equipments		1106.22	318.56	0.00	1424.78	
Others		378.65	284.98	0.00	663.63	
Line Cable Network						
Line Cable Network - 33 kV		639.17	191.37	0.00	830.54	
Line Cable Network - 11 kV		2347.98	589.49	0.00	2937.47	
Line Cable Network - LT		1861.55	379.13	0.00	2240.68	
Others		0.61	0.04	0.00	0.66	
Vehicles		3.19	0.10	0.00	3.29	
Furniture & Fixtures		4.54	0.74	0.00	5.28	
Office Equipment		44.44	1.27	0.00	45.71	
Computers & IT Equipment		131.13	12.94	0.00	144.07	
Low Value Assets		0.83	0.00	0.00	0.83	
Air Conditioner		0.51	0.00	0.00	0.51	
Merger Assets - Balance		0.00	0.00	0.00	0.00	
INTANGIBLE ASSETS:		0.00	0.00	0.00	0.00	
Software		8.39	0.57	0.00	8.96	
Goodwill		0.00	0.00	0.00	0.00	
Total		**13393.24**	**3485.01**	**0.00**	**16878.25**	

Year 3 **Amount in Rs. Crores**

Asset Particulars	D Link	At the beginning of the year	Additions during the year	Adjustment & deductions	At the end of the year	Remarks
TANGIBLE ASSETS:						
Land & land rights		21.23	14.34	0.00	35.57	
Buildings		165.60	46.08	0.00	211.68	
Other civil works		133.61	37.16	0.00	170.78	
Plant & Machinery						
Plant and Machinery - 33 kV		1468.57	404.69	0.00	1873.26	
Plant and Machinery - 11 kV		6117.64	1292.23	0.00	7409.87	
Plant and Machinery - LT		665.18	168.89	0.00	834.07	
Metering Equipments		1424.78	397.64	0.00	1822.42	
Others		663.63	336.90	0.00	1000.53	
Line Cable Network						
Line Cable Network - 33 kV		830.54	229.41	0.00	1059.95	
Line Cable Network - 11 kV		2937.47	663.69	0.00	3601.17	
Line Cable Network - LT		2240.68	456.86	0.00	2697.53	
Others		0.66	0.04	0.00	0.70	
Vehicles		3.29	0.09	0.00	3.38	
Furniture & Fixtures		5.28	1.00	0.00	6.28	
Office Equipment		45.71	1.51	0.00	47.23	
Computers & IT Equipment		144.07	16.28	0.00	160.35	
Low Value Assets		0.83	0.00	0.00	0.83	
Air Conditioner		0.51	0.00	0.00	0.51	
Merger Assets - Balance		0.00	0.00	0.00	0.00	
INTANGIBLE ASSETS:		0.00	0.00	0.00	0.00	
Software		8.96	0.55	0.00	9.50	
Goodwill		0.00	0.00	0.00	0.00	
Total		**16878.25**	**4067.35**	**0.00**	**20945.60**	

Year 4 **Amount in Rs. Crores**

Asset Particulars	D Link	At the beginning of the year	Additions during the year	Adjustment & deductions	At the end of the year	Remarks
TANGIBLE ASSETS:						
Land & land rights		35.57	14.95	0.00	50.52	
Buildings		211.68	47.82	0.00	259.51	
Other civil works		170.78	38.68	0.00	209.45	
Plant & Machinery						
Plant and Machinery - 33 kV		1873.26	366.27	0.00	2239.53	
Plant and Machinery - 11 kV		7409.87	1150.59	0.00	8560.46	
Plant and Machinery - LT		834.07	112.47	0.00	946.54	
Metering Equipments		1822.42	391.59	0.00	2214.01	
Others		1000.53	286.57	0.00	1287.10	
Line Cable Network						
Line Cable Network - 33 kV		1059.95	212.11	0.00	1272.06	
Line Cable Network - 11 kV		3601.17	593.48	0.00	4194.65	
Line Cable Network - LT		2697.53	429.76	0.00	3127.29	
Others		0.70	0.04	0.00	0.74	
Vehicles		3.38	0.09	0.00	3.47	
Furniture & Fixtures		6.28	1.04	0.00	7.32	
Office Equipment		47.23	1.55	0.00	48.77	
Computers & IT Equipment		160.35	16.69	0.00	177.03	
Low Value Assets		0.83	0.00	0.00	0.83	
Air Conditioner		0.51	0.00	0.00	0.51	
Merger Assets - Balance		0.00	0.00	0.00	0.00	
INTANGIBLE ASSETS:		0.00	0.00	0.00	0.00	
Software		9.50	0.54	0.00	10.04	
Goodwill		0.00	0.00	0.00	0.00	
Total		**20945.60**	**3664.24**	**0.00**	**24609.84**	

Year 5 **Amount in Rs. Crores**

Asset Particulars	D Link	At the beginning of the year	Additions during the year	Adjustment & deductions	At the end of the year	Remarks
TANGIBLE ASSETS:						
Land & land rights		50.52	10.81	0.00	61.33	
Buildings		259.51	32.39	0.00	291.90	
Other civil works		209.45	27.25	0.00	236.70	
Plant & Machinery						
Plant and Machinery - 33 kV		2239.53	170.16	0.00	2409.69	
Plant and Machinery - 11 kV		8560.46	573.63	0.00	9134.09	
Plant and Machinery - LT		946.54	4.66	0.00	951.20	
Metering Equipments		2214.01	195.65	0.00	2409.66	
Others		1287.10	133.58	0.00	1420.67	
Line Cable Network						
Line Cable Network - 33 kV		1272.06	112.67	0.00	1384.73	
Line Cable Network - 11 kV		4194.65	241.34	0.00	4435.98	
Line Cable Network - LT		3127.29	227.55	0.00	3354.84	
Others		0.74	0.00	0.00	0.74	
Vehicles		3.47	0.00	0.00	3.47	
Furniture & Fixtures		7.32	0.74	0.00	8.06	
Office Equipment		48.77	0.74	0.00	49.51	
Computers & IT Equipment		177.03	9.32	0.00	186.35	
Low Value Assets		0.83	0.00	0.00	0.83	
Air Conditioner		0.51	0.00	0.00	0.51	
Merger Assets - Balance		0.00	0.00	0.00	0.00	
INTANGIBLE ASSETS:		0.00	0.00	0.00	0.00	
Software		10.04	0.00	0.00	10.04	
Goodwill		0.00	0.00	0.00	0.00	
Total		**24609.84**	**1740.48**	**0.00**	**26350.32**	

Form 1.1 b - ACCUMULATED DEPRECIATION

Please fill in the required details pertaining to each year

Base Year **Amount in Rs. Crores**

Asset Particulars	D Link	Balance of accumulated depreciation at the beginning of the year	Balance of arrears of depreciation at the beginning of the year	Additions during the year				Withdrawals during the year	Balance of accumulated depreciation at the end of the year	Balance of arrears of depreciation at the end of the year	Remarks
				Rate of depreciation	Depreciation provided for the year	Arrears of depreciation written off during the year	Total				
TANGIBLE ASSETS:											
Land & land rights		0.00		0.00	0.00		0.00		0.00		
Buildings		9.38		0.03	3.08		3.08		12.46		
Other civil works		11.38		0.03	2.55		2.55		13.93		
Plant & Machinery											
Plant and Machinery - 33 kV		342.24		0.05	28.25		28.25		370.49		
Plant and Machinery - 11 kV		1476.60		0.05	167.78		167.78		1644.39		
Plant and Machinery - LT		33.31		0.05	14.34		14.34		47.64		
Metering Equipments		452.43		0.05	24.81		24.81		477.24		
Others		65.44		0.05	2.59		2.59		68.03		
Line Cable Network											
Line Cable Network - 33 kV		201.87		0.05	15.51		15.51		217.38		
Line Cable Network - 11 kV		794.71		0.05	64.56		64.56		859.27		
Line Cable Network - LT		910.11		0.05	37.47		37.47		947.58		
Others		0.00		0.00	0.00		0.00		0.00		
Vehicles		2.08		0.10	0.09		0.09		2.17		
Furniture & Fixtures		1.50		0.06	0.22		0.22		1.72		
Office Equipment		22.65		0.06	2.62		2.62		25.27		
Computers & IT Equipment		34.82		0.15	16.33		16.33		51.15		
Low Value Assets		0.82		1.00	0.01		0.01		0.83		
Air Conditioner		0.11		0.06	0.03		0.03		0.14		
Merger Assets - Balance		0.00		0.00	0.00		0.00		0.00		
INTANGIBLE ASSETS:		0.00		0.00	0.00		0.00		0.00		
Software		2.22		0.15	1.06		1.06		3.28		
Goodwill		0.00		0.00	0.00		0.00		0.00		
Spare Units/ Service units		0.00		0.00	0.00		0.00		0.00		
Grand Total		**4361.68**	**0.00**		**381.29**	**0.00**	**381.29**	**0.00**	**4742.97**	**0.00**	

Year 1 **Amount in Rs. Crores**

Asset Particulars	D Link	Balance of accumulated depreciation at the beginning of the year	Balance of arrears of depreciation at the beginning of the year	Additions during the year				Withdrawals during the year	Balance of accumulated depreciation at the end of the year	Balance of arrears of depreciation at the end of the year	Remarks
				Rate of depreciation	Depreciation provided for the year	Arrears of depreciation written off during the year	Total				
TANGIBLE ASSETS:											
Land & land rights		0.00		0.00%	0.00		0.00		0.00		
Buildings		12.46		3.34%	3.60		3.60		16.06		
Other civil works		13.93		3.34%	2.94		2.94		16.87		
Plant & Machinery											
Plant and Machinery - 33 kV		370.49		5.28%	35.73		35.73		406.23		
Plant and Machinery - 11 kV		1644.39		5.28%	194.11		194.11		1838.49		
Plant and Machinery - LT		47.64		5.28%	19.33		19.33		66.97		
Metering Equipments		477.24		5.28%	28.42		28.42		505.66		
Others		68.03		5.28%	7.55		7.55		75.58		
Line Cable Network											
Line Cable Network - 33 kV		217.38		5.28%	19.77		19.77		237.16		
Line Cable Network - 11 kV		859.27		5.28%	78.12		78.12		937.39		
Line Cable Network - LT		947.58		5.28%	45.11		45.11		992.69		
Others		0.00		0.00%	0.00		0.00		0.00		
Vehicles		2.17		9.50%	0.08		0.08		2.24		
Furniture & Fixtures		1.72		6.33%	0.24		0.24		1.96		
Office Equipment		25.27		6.33%	2.66		2.66		27.93		
Computers & IT Equipment		51.15		15.00%	17.66		17.66		68.80		
Low Value Assets		0.83		100.00%	0.01		0.01		0.83		
Air Conditioner		0.14		6.33%	0.03		0.03		0.17		
Merger Assets - Balance		0.00		0.00%	0.00		0.00		0.00		
INTANGIBLE ASSETS:		0.00		0.00%	0.00		0.00		0.00		
Software		3.28		15.00%	1.17		1.17		4.45		
Goodwill		0.00		0.00%	0.00		0.00		0.00		
Spare Units/ Service units		0.00		0.00%	0.00		0.00		0.00		
Grand Total		**4742.97**	**0.00**		**456.52**	**0.00**	**456.52**	**0.00**	**5199.49**	**0.00**	

Year 2 **Amount in Rs. Crores**

Asset Particulars	D Link	Balance of accumulated depreciation at the beginning of the year	Balance of arrears of depreciation at the beginning of the year	Additions during the year				Withdrawals during the year	Balance of accumulated depreciation at the end of the year	Balance of arrears of depreciation at the end of the year	Remarks
				Rate of depreciation	Depreciation provided for the year	Arrears of depreciation written off during the year	Total				
TANGIBLE ASSETS:											
Land & land rights		0.00		0.00%	0.00		0.00		0.00		
Buildings		16.06		3.34%	4.38		4.38		20.44		
Other civil works		16.87		3.34%	3.55		3.55		20.42		
Plant & Machinery											
Plant and Machinery - 33 kV		406.23		5.28%	48.65		48.65		454.87		
Plant and Machinery - 11 kV		1838.49		5.28%	229.38		229.38		2067.88		
Plant and Machinery - LT		66.97		5.28%	25.91		25.91		92.89		
Metering Equipments		505.66		5.28%	37.90		37.90		543.55		
Others		75.58		5.28%	17.15		17.15		92.73		
Line Cable Network											
Line Cable Network - 33 kV		237.16		5.28%	26.56		26.56		263.71		
Line Cable Network - 11 kV		937.39		5.28%	99.58		99.58		1036.97		
Line Cable Network - LT		992.69		5.28%	57.61		57.61		1050.30		
Others		0.00		0.00%	0.00		0.00		0.00		
Vehicles		2.24		9.50%	0.06		0.06		2.30		
Furniture & Fixtures		1.96		6.33%	0.24		0.24		2.20		
Office Equipment		27.93		6.33%	2.69		2.69		30.62		
Computers & IT Equipment		68.80		15.00%	18.22		18.22		87.02		
Low Value Assets		0.83		100.00%	0.01		0.01		0.84		
Air Conditioner		0.17		6.33%	0.03		0.03		0.20		
Merger Assets - Balance		0.00		0.00%	0.00		0.00		0.00		
INTANGIBLE ASSETS:		0.00		0.00%	0.00		0.00		0.00		
Software		4.45		15.00%	1.26		1.26		5.70		
Goodwill		0.00		0.00%	0.00		0.00		0.00		
Spare Units/ Service units		0.00		0.00%	0.00		0.00		0.00		
Grand Total		**5199.49**	**0.00**		**573.16**	**0.00**	**573.16**	**0.00**	**5772.65**	**0.00**	

Year 3

Amount in Rs. Crores

Asset Particulars	D Link	Balance of accumulated depreciation at the beginning of the year	Balance of arrears of depreciation at the beginning of the year	Additions during the year				Withdrawals during the year	Balance of accumulated depreciation at the end of the year	Balance of arrears of depreciation at the end of the year	Remarks
				Rate of depreciation	Depreciation provided for the year	Arrears of depreciation written off during the year	Total				
TANGIBLE ASSETS:											
Land & land rights		0.00		0.00%	0.00		0.00		0.00		
Buildings		20.44		3.34%	5.53		5.53		25.97		
Other civil works		20.42		3.34%	4.46		4.46		24.88		
Plant & Machinery											
Plant and Machinery - 33 kV		454.87		5.28%	66.32		66.32		521.19		
Plant and Machinery - 11 kV		2067.88		5.28%	282.53		282.53		2350.41		
Plant and Machinery - LT		92.89		5.28%	35.12		35.12		128.01		
Metering Equipments		543.55		5.28%	51.56		51.56		595.12		
Others		92.73		5.28%	32.02		32.02		124.75		
Line Cable Network											
Line Cable Network - 33 kV		263.71		5.28%	36.12		36.12		299.83		
Line Cable Network - 11 kV		1036.97		5.28%	128.27		128.27		1165.24		
Line Cable Network - LT		1050.30		5.28%	75.74		75.74		1126.04		
Others		0.00		0.00%	0.00		0.00		0.00		
Vehicles		2.30		9.50%	0.03		0.03		2.33		
Furniture & Fixtures		2.20		6.33%	0.23		0.23		2.44		
Office Equipment		30.62		6.33%	0.76		0.76		31.37		
Computers & IT Equipment		87.02		15.00%	15.90		15.90		102.93		
Low Value Assets		0.84		100.00%	0.01		0.01		0.86		
Air Conditioner		0.20		6.33%	0.03		0.03		0.23		
Merger Assets - Balance		0.00		0.00%	0.00		0.00		0.00		
INTANGIBLE ASSETS:		0.00		0.00%	0.00		0.00		0.00		
Software		5.70		15.00%	1.34		1.34		7.05		
Goodwill		0.00		0.00%	0.00		0.00		0.00		
Spare Units/ Service units		0.00		0.00%	0.00		0.00		0.00		
Grand Total		**5772.65**	**0.00**		**735.99**	**0.00**	**735.99**	**0.00**	**6508.64**	**0.00**	

Year 4 **Amount in Rs. Crores**

Asset Particulars	D Link	Balance of accumulated depreciation at the beginning of the year	Balance of arrears of depreciation at the beginning of the year	Additions during the year				Withdrawals during the year	Balance of accumulated depreciation at the end of the year	Balance of arrears of depreciation at the end of the year	Remarks
				Rate of depreciation	Depreciation provided for the year	Arrears of depreciation written off during the year	Total				
TANGIBLE ASSETS:											
Land & land rights		0.00		0.00%	0.00		0.00		0.00		
Buildings		25.97		3.34%	7.07		7.07		33.04		
Other civil works		24.88		3.34%	5.70		5.70		30.59		
Plant & Machinery											
Plant and Machinery - 33 kV		521.19		5.28%	85.87		85.87		607.06		
Plant and Machinery - 11 kV		2350.41		5.28%	341.93		341.93		2692.34		
Plant and Machinery - LT		128.01		5.28%	44.04		44.04		172.05		
Metering Equipments		595.12		5.28%	67.14		67.14		662.25		
Others		124.75		5.28%	49.28		49.28		174.04		
Line Cable Network											
Line Cable Network - 33 kV		299.83		5.28%	47.59		47.59		347.42		
Line Cable Network - 11 kV		1165.24		5.28%	159.01		159.01		1324.24		
Line Cable Network - LT		1126.04		5.28%	97.37		97.37		1223.41		
Others		0.00		0.00%	0.00		0.00		0.00		
Vehicles		2.33		9.50%	0.04		0.04		2.37		
Furniture & Fixtures		2.44		6.33%	0.27		0.27		2.71		
Office Equipment		31.37		6.33%	0.59		0.59		31.96		
Computers & IT Equipment		102.93		15.00%	17.90		17.90		120.82		
Low Value Assets		0.86		100.00%	0.02		0.02		0.88		
Air Conditioner		0.23		6.33%	0.03		0.03		0.26		
Merger Assets - Balance		0.00		0.00%	0.00		0.00		0.00		
INTANGIBLE ASSETS:		0.00		0.00%	0.00		0.00		0.00		
Software		7.05		15.00%	1.43		1.43		8.47		
Goodwill		0.00		0.00%	0.00		0.00		0.00		
Spare Units/ Service units		0.00		0.00%	0.00		0.00		0.00		
Grand Total		**6508.64**	**0.00**		**925.27**	**0.00**	**925.27**	**0.00**	**7433.91**	**0.00**	

Year 5 **Amount in Rs. Crores**

Asset Particulars	D Link	Balance of accumulated depreciation at the beginning of the year	Balance of arrears of depreciation at the beginning of the year	Additions during the year				Withdrawals during the year	Balance of accumulated depreciation at the end of the year	Balance of arrears of depreciation at the end of the year	Remarks
				Rate of depreciation	Depreciation provided for the year	Arrears of depreciation written off during the year	Total				
TANGIBLE ASSETS:											
Land & land rights		0.00		0.00%	0.00		0.00		0.00		
Buildings		33.04		3.34%	8.67		8.67		41.71		
Other civil works		30.59		3.34%	7.00		7.00		37.58		
Plant & Machinery											
Plant and Machinery - 33 kV		607.06		5.28%	100.96		100.96		708.02		
Plant and Machinery - 11 kV		2692.34		5.28%	381.68		381.68		3074.02		
Plant and Machinery - LT		172.05		5.28%	49.98		49.98		222.03		
Metering Equipments		662.25		5.28%	84.05		84.05		746.30		
Others		174.04		5.28%	64.06		64.06		238.10		
Line Cable Network											
Line Cable Network - 33 kV		347.42		5.28%	57.40		57.40		404.83		
Line Cable Network - 11 kV		1324.24		5.28%	182.12		182.12		1506.36		
Line Cable Network - LT		1223.41		5.28%	116.26		116.26		1339.66		
Others		0.00		0.00%	0.00		0.00		0.00		
Vehicles		2.37		9.50%	0.05		0.05		2.42		
Furniture & Fixtures		2.71		6.33%	0.31		0.31		3.02		
Office Equipment		31.96		6.33%	0.64		0.64		32.60		
Computers & IT Equipment		120.82		15.00%	20.26		20.26		141.08		
Low Value Assets		0.88		100.00%	0.02		0.02		0.89		
Air Conditioner		0.26		6.33%	0.02		0.02		0.28		
Merger Assets - Balance		0.00		0.00%	0.00		0.00		0.00		
INTANGIBLE ASSETS:		0.00		0.00%	0.00		0.00		0.00		
Software		8.47		15.00%	1.51		1.51		9.98		
Goodwill		0.00		0.00%	0.00		0.00		0.00		
Spare Units/ Service units		0.00		0.00%	0.00		0.00		0.00		
Grand Total		**7433.91**	**0.00**		**1074.98**	**0.00**	**1074.98**	**0.00**	**8508.88**	**0.00**	

Form 1.1 c - Capital Work in Progress

This form pertains to the Capital Work in Progress

Particulars	Base Year	Year 1	Year 2	Year 3	Year 4	Year 5
Opening balance of CWIP	1,635.73	4,282.68	5,652.71	4,739.38	2,510.02	688.01
Add: New Investment*	3,717.55	3,254.19	1,941.66	1,251.29	1,375.62	1,496.24
Add: Capitalisation*						
Expenses Capitalised	408.93	357.96	213.58	137.64	151.32	164.59
Interest During Construction	130.19	239.70	416.44	449.07	315.29	139.95
Total expenses capitalised	**539.12**	**597.66**	**630.02**	**586.71**	**466.61**	**304.54**
Less : Investment Capitalised	1,609.72	2,481.82	3,485.01	4,067.35	3,664.24	1,740.48
Closing balance of CWIP	**4,282.68**	**5,652.71**	**4,739.38**	**2,510.02**	**688.01**	**748.32**

*To be filled in consultation with form 1.1 d

Form 1.1d - INVESTMENT PLAN

This form captures investments as planned and actually incurred

Please fill in the required details pertaining to each year

Base Year

		Project Details			PLANNED CAPITAL EXPENDITURE							SOURCE OF FINANCING							Investments proposed for the year				Investments incurred in the year				Cumulative progress (Year on year)				Remarks
														Debt Component of capex in year					Annual				Annual								
Project Code *	Project Title	Project Purpose**	Project Start Date (DD-MON-YY)	Project Completion date (DD-MON-YY)	Base Cost	Contigency	IDC	Duties	Taxes	Expense capitalised	TOTAL COST	Internal Accrual Component of capex in year	Equity Component of capex in year	Loan Amount	Interest Rate	Moratorium Period	Repayment Period	Loan Source	Proposed investment in the year (Rs Cr)	Proposed IDC	Proposed other expense	Percentage capitalisation	Actual investment in the year (Rs Cr)	IDC Incurred	Other expense incurred	Percentage capitalisation	Actual investment in the year (Rs Cr)	IDC Incurred	Other expense incurred	Percentage capitalisation	
1	JHC		01.04.23	31.03.24	390	16				58	464	70		394	10%	3 Years	15 years	PFC & REC	463.74			11%									
2	RDSS Loss reduction Works		01.04.2023	31.03.2025	1175				225	0	1401	210		560	10%	3 Years	15 years	PFC													
3	RDSS Smart metering Works		01.07.2023	30.06.2032	234				45		279	42																			
4	AGL DBT		01.04.2023	31.03.3032	299				57		356	53						GoAP													
5	HVDS				99						99			99		2	12	REC													
6	WB				9						9			9																	
7	33/11KV SS (T&D)		01.04.23	31.03.24	44	6	0	2	34	0	85			162					229.96			11%									
8	Erection of substations		New	New	95	5	8		27	16	150			150	12%				150.26	7.56	48.20	20%	150.26	7.56	48.20	20%	150.26	7.56	48.20	20%	
9	Erection of PTRs		New	New	39	2	3		11	7	61			61	12%				61.22	3.08	19.64	20%	61.22	3.08	19.64	20%	61.22	3.08	19.64	20%	
10	Erection of DTRs		New	New	244	12	19		71	41	387			387	12%				387.17	19.48	124.19	20%	387.17	19.48	124.19	20%	387.17	19.48	124.19	20%	
11	Erection of Lines		New	New	218	11	17		63	37	346			346	12%				345.83	17.40	110.93	20%	345.83	17.40	110.93	20%	345.83	17.40	110.93	20%	
12	Other Schemes		New	New	32	2	3		9	5	50			50	12%				50.09	2.52	16.07	20%	50.09	2.52	16.07	20%	50.09	2.52	16.07	20%	
13	Civil Infrastructure Development		New	New	19	1	2		6	3	30			30	12%				30.21	1.52	9.69	20%	30.21	1.52	9.69	20%	30.21	1.52	9.69	20%	
	Total				**2894**	**54**	**52**	**2**	**548**	**168**	**3718**	**375**	**0**	**2249**					**1718**	**52**	**329**		**1025**	**52**	**329**		**1025**	**52**	**329**		

Year 1

1	JHC		01.04.24	31.03.25	376.00	1.03				3.76	380.79	5.85		33.15	10%	3 Years	15 years	PFC	39.00			11%									
2	RDSS Loss reduction Works		01.04.2023	31.03.2025	1183.00				218.80	0.00	1401.80	203.96		543.90	10%	3 Years	15 years	PFC													
3	RDSS Smart metering Works		01.07.2023	30.06.2032	135.09				25.91		161.00	24.15																			
4	AGL DBT		01.04.2023	31.03.3032	298.71				57.29		356.00	53.40						GoAP													
5	HVDS				95.00				14.17		109.17	16.38		98.25	10%	2.00	12.00	REC													
6	33/11KV SS (T&D)		01.04.23	31.03.24	15.5	0.78	1.24		4.50	2.64	24.65			820.4					24.65			11%									
7	Erection of substations		New	New	72.00	3.60	5.76		20.88	12.24	114.48	0.00		114.48	12%				114.48	5.76	36.72	25%	329.00	16.45	36.19	25%	329.00	16.45	36.19	25%	
8	Erection of PTRs		New	New	29.00	1.45	2.32		8.41	4.93	46.11			46.11	12%				46.11	2.32	14.79	25%	329.00	16.45	36.19	25%	329.00	16.45	36.19	25%	
9	Erection of DTRs		New	New	196.00	9.80	15.68		56.84	33.32	311.64	0.00		311.64	12%				311.64	15.68	99.96	25%	512.00	25.60	56.32	25%	512.00	25.60	56.32	25%	
10	Erection of Lines		New	New	172.00	8.60	13.76		49.88	29.24	273.48	0.00		273.48	12%				273.48	13.76	87.72	25%	571.00	28.55	62.81	25%	571.00	28.55	62.81	25%	
11	Other Schemes		New	New	35.00	1.75	2.80		10.15	5.95	55.65	1.00		55.65	12%				55.65	2.80	17.85	25%	571.00	28.55	62.81	25%	571.00	28.55	62.81	25%	
12	Civil Infrastructure Development		New	New	12.00	0.60	0.96		3.48	2.04	19.08	2.00		19.08	12%				19.08	0.96	6.12	25%	571.00	28.55	62.81	25%	571.00	28.55	62.81	25%	
	Total				**2619.30**	**27.60**	**42.52**		**470.31**	**94.12**	**3253.84**	**306.74**		**2316.18**					**884.08**	**41.28**	**263.16**		**2883.00**	**144.15**	**317.13**		**2883.00**	**144.15**	**317.13**		

Year 2

Amount in Rs Crores

1	RDSS Loss reduction Works		01.04.2023	31.03.2025	577.00				122.70	0.00	699.70	104.96		279.88	10.00%	3 Years	15 years	PFC													
2	RDSS Smart metering Works		01.07.2023	30.06.2032	136.77				26.23		163.00	24.45																			
3	AGL DBT		01.04.2023	31.03.3032	120.83				23.17		144.00	21.60						GoAP													
4	Erection of SS		New	New	85.00	4.25	6.80		24.65	14.45	135.15			135.15	12%				135.15	6.80	43.35	50%	135.15	6.80	43.35	50%	371	18.55	40.81	50%	
5	Erection of PTRs		New	New	34.50	1.73	2.76		10.01	5.87	54.86			54.86	12%				54.86	2.76	17.60	50%	54.86	2.76	17.60	50%	371	18.55	40.81	50%	
6	Erection of DTRs		New	New	228.00	11.40	18.24		66.12	38.76	362.52	0.00		362.52	12%				362.52	18.24	116.28	50%	362.52	18.24	116.28	50%	371	18.55	40.81	50%	
7	Erection of Lines		New	New	196.00	9.80	15.68		56.84	33.32	311.64	0.00		311.64	12%				311.64	15.68	99.96	50%	311.64	15.68	99.96	50%	371	18.55	40.81	50%	
8	Other schemes		New	New	38.50	1.93	3.08		11.17	6.55	61.22	1.00		61.22	12%				61.22	3.08	19.64	50%	61.22	3.08	19.64	50%	371	18.55	40.81	50%	
9	Civil Infrastructure Development		New	New	6.50	0.33	0.52		1.89	1.11	10.34	2.00		10.34	12%				10.34	0.52	3.32	50%	10.34	0.52	3.32	50%	371	18.55	40.81	50%	
	Total				**1423.10**	**29.43**	**47.08**		**342.77**	**100.05**	**1942.42**	**154.01**	**0.00**	**1215.60**					**935.72**	**47.08**	**300.14**		**935.72**	**47.08**	**300.14**		**2226.00**	**111.30**	**244.86**		

		Project Details			PLANNED CAPITAL EXPENDITURE							SOURCE OF FINANCING								Investments proposed for the year				Investments incurred in the year				Cumulative progress (Year on year)				Remarks
Project Code*	Project Title	Project Purpose**	Project Start Date (DD-MON-YY)	Project Completion date (DD-MON-YY)	Base Cost	Contingency	IDC	Duties	Taxes	Expense capitalised	TOTAL COST	Internal Accrual Component of capex in year	Equity Component of capex in year	Debt Component of capex in year					Annual				Annual									
														Loan Amount	Interest Rate	Moratorium Period	Repayment Period	Loan Source	Proposed investment in the year (Rs Cr)	Proposed IDC	Proposed other expense	Percentage capitalisation	Actual investment in the year (Rs Cr)	IDC Incurred	Other expense incurred	Percentage capitalisation	Actual investment in the year (Rs Cr)	IDC Incurred	Other expense incurred	Percentage capitalisation	
Year 3																																
																																Amount in Rs Crores
1	RDSS Smart metering Works		01.07.2023	30.06.2032	89.36				17.14		106.50	15.98																				
2	AGL DBT		01.04.2023	31.03.3032	120.83				23.17		144.00	21.60						GoAP														
3	Erection of substations		New	New	89.50	4.48	7.16		25.96	15.22	142.31	0.00		142.31	12%				142.31	7.16	45.65	50%	142.31	7.16	45.65	50%	142.31	7.16	45.65	50%		
4	Erection of PTRs		New	New	37.00	1.85	2.96		10.73	6.29	58.83			58.83	12%				58.83	2.96	18.87	50%	58.83	2.96	18.87	50%	58.83	2.96	18.87	50%		
5	Erection of DTRs		New	New	245.00	12.25	19.60		71.05	41.65	389.55	0.00		389.55	12%				389.55	19.60	124.95	50%	389.55	19.60	124.95	50%	389.55	32	70.4	50%		
6	Erection of Lines		New	New	209.00	10.45	16.72		60.61	35.53	332.31	0.00		332.31	12%				332.31	16.72	106.59	50%	332.31	16.72	106.59	50%	332.31	37.3	4.103	50%		
7	Other schemes		New	New	42.00	2.10	3.36		12.18	7.14	66.78	1.00		66.78	12%				66.78	3.36	21.42	50%	66.78	3.36	21.42	50%	66.78	37.3	4.103	50%		
8	Civil Infrastructure Development		New	New	6.75	0.34	0.54		1.96	1.15	10.73	2.00		10.73	12%				10.73	0.54	3.44	50%	10.73	0.54	3.44	50%	10.73	37.3	4.103	50%		
	Total				**839.44**	**31.46**	**50.34**		**222.79**	**106.97**	**1251.01**	**40.58**	**0.00**	**1000.51**					**1000.51**	**50.34**	**320.92**		**1000.51**	**50.34**	**320.92**		**1000.51**	**154.02**	**147.22**			
Year 4																																
																																Amount in Rs Crores
1	RDSS Smart metering Works		01.07.2023	30.06.2032	89.36				17.14		106.50	15.98																				
2	AGL DBT		01.04.2023	31.03.3032	120.83				23.17		144.00	21.60						GoAP														
3	Erection of substations		New	New	104.00	5.20	8.32		30.16	17.68	165.36	0.00		165.36	12%				165.36	8.32	53.04	50%	165.36	8.32	53.04	50%	165.36	8.32	53.04	50%		
4	Erection of PTRs		New	New	42.50	2.13	3.40		12.33	7.23	67.58			67.58	12%				67.58	3.40	21.68	50%	67.58	3.40	21.68	50%	67.58	3.40	21.68	50%		
5	Erection of DTRs		New	New	275.00	13.75	22.00		79.75	46.75	437.25	0.00		437.25	12%				437.25	22.00	140.25	50%	437.25	22.00	140.25	50%	437.25	22.00	140.25	50%		
6	Erection of Lines		New	New	232.00	11.60	18.56		67.28	39.44	368.88	0.00		368.88	12%				368.88	18.56	118.32	50%	368.88	18.56	118.32	50%	368.88	18.56	118.32	50%		
7	Other schemes		New	New	46.00	2.30	3.68		13.34	7.82	73.14	1.00		73.14	12%				73.14	3.68	23.46	50%	73.14	3.68	23.46	50%	73.14	3.68	23.46	50%		
8	Civil Infrastructure Development		New	New	7.50	0.38	0.60		2.18	1.28	11.93	2.00		11.93	12%				11.93	0.60	3.83	50%	11.93	0.60	3.83	50%	11.93	0.60	3.83	50%		
	Total				**917.19**	**35.35**	**56.56**		**245.34**	**120.19**	**1374.63**	**40.58**	**0.00**	**1124.13**					**1124.13**	**56.56**	**360.57**		**1124.13**	**56.56**	**360.57**		**1124.13**	**56.56**	**360.57**			
Year 5																																
																																Amount in Rs Crores
1	RDSS Smart metering Works		01.07.2023	30.06.2032	89.36				17.14		106.50	15.98																				
2	AGL DBT		01.04.2023	31.03.3032	120.83				23.17		144.00	21.60						GoAP														
3	Erection of substations		New	New	115.00	5.75	9.20		33.35	19.55	182.85	0.00		182.85	12%				182.85	9.20	58.65	50%	182.85	9.20	58.65	50%	182.85	9.20	58.65	50%		
4	Erection of PTRs		New	New	47.00	2.35	3.76		13.63	7.99	74.73			74.73	12%				74.73	3.76	23.97	50%	74.73	3.76	23.97	50%	74.73	3.76	23.97	50%		
5	Erection of DTRs		New	New	307.00	15.35	24.56		89.03	52.19	488.13	0.00		488.13	12%				488.13	24.56	156.57	50%	488.13	24.56	156.57	50%	488.13	24.56	156.57	50%		
6	Erection of Lines		New	New	256.50	12.83	20.52		74.39	43.61	407.84	0.00		407.84	12%				407.84	20.52	130.82	50%	407.84	20.52	130.82	50%	407.84	20.52	130.82	50%		
7	Other schemes		New	New	50.00	2.50	4.00		14.50	8.50	79.50	1.00		79.50	12%				79.50	4.00	25.50	50%	79.50	4.00	25.50	50%	79.50	4.00	25.50	50%		
8	Civil Infrastructure Development		New	New	8.00	0.40	0.64		2.32	1.36	12.72	1.00		12.72	12%				12.72	0.64	4.08	50%	12.72	0.64	4.08	50%	12.72	0.64	4.08	50%		
	Total				**993.69**	**39.18**	**62.68**		**267.53**	**133.20**	**1496.27**	**39.58**	**0.00**	**1245.77**					**1245.77**	**62.68**	**399.59**		**1245.77**	**62.68**	**399.59**		**1245.77**	**62.68**	**399.59**			

Form 1.1(e) - Voltage wise asset base

This form refers to the gross and net asset base calculation

Particulars	D Link	Base Year	Year 1	Year 2	Year 3	Year 4	Year 5
Gross Fixed Assets		**10911.42**	**13393.24**	**16878.25**	**20945.60**	**24609.84**	**26350.32**
33 kV		2073.17	2511.23	3206.87	3979.66	4798.92	5138.31
11 kV		6874.20	8471.22	10633.30	13195.73	15258.10	16337.20
LT		1964.06	2410.78	3038.09	3770.21	4552.82	4874.81
Accumulated Depreciation		**4742.97**	**5199.49**	**5772.65**	**6508.64**	**7433.91**	**8508.88**
33 kV		901.17	974.90	1096.80	1236.64	1449.61	1659.23
11 kV		2988.07	3288.68	3636.77	4100.44	4609.02	5275.51
LT		853.74	935.91	1039.08	1171.56	1375.27	1574.14
Net Fixed Assets		**6168.45**	**8193.75**	**11105.60**	**14436.96**	**17175.93**	**17841.43**
33 kV		1172.01	1536.33	2110.06	2743.02	3349.31	3479.08
11 kV		3886.12	5182.55	6996.53	9095.29	10649.08	11061.69
LT		1110.32	1474.87	1999.01	2598.65	3177.55	3300.67

New Loans

Please fill in the required details pertaining to each year

Base Year **Amount in Rs. Crores**

Particulars	Amount	Purpose	Status	Agency	Agreed Interest Rate	Moratorium Period (Years)	Repayment period (Years)	Remarks
RDSS (Phase-I&II Counter part)	672.00		New loan	PFC	10.5%	2	10	
Erection of 33/11KV sub-station	85.00		New Loan	REC	10.5%	2	15	
Sanction of 3 Nos of scheme for Rs.197.54 Cr for Conversion of LTDS to HVDS	98.00		New loan	REC	11.0%	2	10	
For funding Base Investment and Normal Works	1074.68		New loan		12.0%			To be tied Up
Total	**1929.68**							

Year 1 **Amount in Rs. Crores**

Particulars	Amount	Purpose	Status	Agency	Agreed Interest Rate	Moratorium Period (Years)	Repayment period (Years)	Remarks
RDSS (Phase-I&II Counter part)	625.00		New loan	PFC	10.5%	2	10	
Erection of 33/11KV sub-station	25.00		New Loan	REC	10.5%	2	15	
Sanction of 3 Nos of scheme for Rs.197.54 Cr for Conversion of LTDS to HVDS	100.00		New loan	REC	11.00%	2	10	
For funding Base Investment and Normal Works	1804.32		New loan		12.00%			To be tied Up
Total	**2554.32**							

Year 2 **Amount in Rs. Crores**

Particulars	Amount	Purpose	Status	Agency	Agreed Interest Rate	Moratorium Period (Years)	Repayment period (Years)	Remarks
RDSS (Phase-I&II Counter part)	345		New loan	PFC	10.5%	2	10	
For funding Base Investment and Normal Works	1104.74		New loan		12.0%			To be tied Up
Total	**1449.74**							

Year 3 **Amount in Rs. Crores**

Particulars	Amount	Purpose	Status	Agency	Agreed Interest Rate	Moratorium Period (Years)	Repayment period (Years)	Remarks
For funding Base Investment and Normal Works	853.42		New loan		12.0%			To be tied Up
Total	**853.42**							

Year 4 **Amount in Rs. Crores**

Particulars	Amount	Purpose	Status	Agency	Agreed Interest Rate	Moratorium Period (Years)	Repayment period (Years)	Remarks
For funding Base Investment and Normal Works	957.87		New loan		12.0%			To be tied Up
Total	**957.87**							

Year 5 **Amount in Rs. Crores**

Particulars	Amount	Purpose	Status	Agency	Agreed Interest Rate	Moratorium Period (Years)	Repayment period (Years)	Remarks
For funding Base Investment and Normal Works	1057.60		New loan		12.0%			To be tied Up
Total	**1057.60**							

Form 1.1g - Loans

INDIAN LOANS & DEBENTURES

This form pertains to the Total Indian Loans and Debentures
Please fill in the required details pertaining to each year

Base Year

Amount in Rs. Crores

Loan Type	Account Code	Loan Agency (Source of Loan)	Loan Code*	Related Project Code	Year of incurring loan	Moratorium Period (in years)	Tenure of Loan (in years)	Rate of Interest	Balance at the beginning of the year	Amount received during the year	Amount redeemed during the year	Balance outstanding at the end of the year	Interest Expense incurred during the year	Interest Expense paid till end of the year	Interest payment defaulted on (if any)	Principle payment defaulted on (if any)	Remarks
Secured Loans			**all**						**11076.31**	**2811.31**	**2765.79**	**11121.83**	**1128.39**	**0.00**			
Bonds			**all**						**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**			
												0.00					
Debentures			**all**						**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**			
												0.00					
Borrowings for working capital			**all**						**8337.30**	**1999.13**	**2486.15**	**7850.28**	**798.90**	**0.00**			
REC								8.25% to 12.15%	2547.98	1160.65	992.35	2716.28	272.49				
PFC								8.25% to 11%	2574.29	692.91	1011.91	2255.29	267.09				
PTC Financial Services									6.02	0.00	6.02	0.00	0.22				
ICD from Transco								8.05 to 9.05%	309.06	0.00	100.02	209.04	24.31				
ICD from Genco					2023			9.00%	0.00	94.00	4.67	89.33	7.15				
APPFCL					2019			9.00%	2576.34	0.00	250.03	2326.31	185.71				
SBI MTL								8.75%	123.79	0.00	39.75	84.04	9.39				
CC limits								8.50% & 13.10%	199.82	51.57	81.40	169.99	32.54				
Funds from State Government and Institution approved by State Government			**all**						**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**			
												0.00					
Other Secured Loans			**all**						**2739.01**	**812.18**	**279.64**	**3271.55**	**329.49**	**0.00**			
JHC-NPI		PFC	31D07001	NPI	2022	2	15	10%	200.56	216.62	0.00	417.18	39.57				
JHC-NPI		REC	AP-TD-DIS-76-2022-17258	NPI	2022	3	15	10%	35.06	91.48	0.00	126.54	11.50				
JHC-NPI		REC	AP-TD-DIS-76-2022-17259	NPI	2022	3	15	10%	0.00	85.78	0.00	85.78	6.24				
JHC-NPI		REC	AP-TD-DIS-76-2022-17257	NPI	2022	3	15	10%	10.25	202.10	0.00	212.35	18.35				
System Improvement		REC	AP-TD-DIS-076-2022-16882	System Improvement	2022	2	10	10%	31.61	57.34	0.00	88.95	7.02				
System Improvement		REC	AP-TD-DIS-076-2022-17096	System Improvement	2022	2	10	10%	3.59	70.11	0.00	73.70	5.68				
HVDS		REC	AP-TD-DIS-076-2019-15757	HVDS	2022	3	10	11%	71.73	0.22	0.00	71.95	7.56				
HVDS		REC	AP-TD-DIS-076-2019-15796	HVDS	2022	3	10	11%	124.79	21.62	0.00	146.41	15.40				
HVDS		REC	AP-TD-DIS-076-2019-15756	HVDS	2022	3	10	11%	92.54	0.00	0.00	92.54	10.24				
HVDS		REC	AP-TD-DIS-076-2019-15797	HVDS	2022	3	10	11%	108.75	0.00	0.00	108.75	11.47				
HVDS		REC	AP-TD-DIS-076-2015-9424		2023				0.00	40.54	0.00	40.54	4.36				Amount claimed against APSPDCL Loan no.9424

Loan Type	Account Code	Loan Agency (Source of Loan)	Loan Code*	Related Project Code	Year of incurring loan	Moratorium Period (in years)	Tenure of Loan (in years)	Rate of Interest	Balance at the beginning of the year	Amount received during the year	Amount redeemed during the year	Balance outstanding at the end of the year	Interest Expense incurred during the year	Interest Expense paid till end of the year	Interest payment defaulted on (if any)	Principle payment defaulted on (if any)	Remarks
HVDS		REC	AP-TD-DIS-076-2015-9425		2023				0.00	20.21	0.00	20.21	2.17				Amount claimed against APSPDCL Loan no.9425
HVDS		REC	AP-TD-DIS-076-2015-9430		2023				0.00	6.16	0.00	6.16	0.66				Amount claimed against APSPDCL Loan no.9430
9 Hrs supply		REC	AP-TD-DIS-076-2021-16595	9 Hrs supply					24.26	0.00	0.00	24.26	2.63				
REC - Regular		REC	763048 to 7616508		multiple dates	3.00	13 Years	10.00 to 11.00%	1091.73	0.00	151.68	940.05	71.88				
REC - DDUGJY		REC	56611533 to 56611540		2018	3.00	13 Years	10.25 to 10.90%	40.49	0.00	4.64	35.85	4.22				
REC- World Bank 24*7 - counterpart		REC	7612541		2017	3.00	13 Years	10.25 to 11.00%	84.12	0.00	9.00	75.12	8.66				
REC DDG (Qtrly)		REC	766001208		2019	3.00	13 Years	10.25%	0.10	0.00	0.00	0.10	0.00				
REC - JBIC		REC	394299 to 394308		2008	3.00	15 Years	10.25 to 11.05%	16.69	0.00	4.00	12.69	1.70				
PFC - Regular		PFC	31807003 & 31807004		2009	3.00	13Years	11.25%	0.70	0.00	0.58	0.12	27.78				
PFC -RAPDRP					2009	3.00	13Years	9%	72.52	0.00	0.00	72.52	0.00				
PFC - IPDS I &II		PFC	31852001 to 31852008 31858001 to 31858004		2017	3.00	13Years	10.65%	45.21	0.00	5.84	39.37	7.06				
PFC - GEL		PFC	31860001.00		2015	2.00	14 Years	10.35 to 11.10%	14.37	0.00	1.92	12.45	1.52				
SBI, VIJAYAWADA		SBI			2018		10Years	10.20%	650.81	0.00	101.98	548.83	63.82				
World Bank			IBRD T8049		2017		14Years	2.24%	19.13	0.00	0.00	19.13	0.00				
Unsecured Loans			**all**						**314.88**	**200.32**	**48.26**	**466.94**	**21.87**	**0.00**			
Bonds			**all**						**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**			
Debentures			**all**						**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**			
												0.00					
Borrowings for working capital			**all**						**183.25**	**200.32**	**48.26**	**335.31**	**21.87**	**0.00**			
IREDA					2021			11.50%	51.77	0.00	40.68	11.09	2.35				
FRP Bonds					2019				123.90	0.00	0.00	123.90	0.00				
Bill discounting									7.58	200.32	7.58	200.32	19.52				
Funds from State Government and Institution approved by State Government			**all**						**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**			
Other Unsecured Loans			**all**						**131.63**	**0.00**	**0.00**	**131.63**	**0.00**	**0.00**			
JICA			IDP-216		2011		30Years	0.65%	131.63	0.00	0.00	131.63	0.00				
TOTAL			**all**						**11391.20**	**3011.63**	**2814.05**	**11588.78**	**1150.26**	**0.00**			

Loan Type	Account Code	Loan Agency (Source of Loan)	Loan Code*	Related Project Code	Year of incurring loan	Moratorium Period (in years)	Tenure of Loan (in years)	Rate of Interest	Balance at the beginning of the year	Amount received during the year	Amount redeemed during the year	Balance outstanding at the end of the year	Interest Expense incurred during the year	Interest Expense paid till end of the year	Interest payment defaulted on (if any)	Principle payment defaulted on (if any)	Remarks
Year 1																**Amount in Rs. Crores**	
Secured Loans			**all**						**11121.83**	**46.00**	**2369.91**	**8797.92**	**953.18**	**0.00**			
Bonds			**all**						**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**			
												0.00					
Debentures			**all**						**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**			
												0.00					
Borrowings for working capital			**all**						**7850.28**	**46.00**	**2080.59**	**5815.69**	**616.51**	**0.00**			
REC								8.25% to 12.15%	2716.28	0.00	1050.58	1665.70	196.52				
PFC								8.25% to 11%	2255.29	0.00	611.76	1643.53	194.04				
PTC Financial Services									0.00	0.00	0.00	0.00	0.00				
ICD from Transco								8.05 to 9.05%	209.04	0.00	44.76	164.28	17.31				
ICD from Genco					2023			9.00%	89.33	46.00	56.04	79.29	9.87				
APPFCL					2019			9.00%	2326.31	0.00	265.52	2060.79	160.81				
SBI MTL								8.75%	84.04	0.00	51.93	32.11	5.42				
CC limits								8.50% & 13.10%	169.99	0.00	0.00	169.99	32.54				
Funds from State Government and Institution approved by State Government			**all**						**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**			
												0.00					
Other Secured Loans			**all**						**3271.55**	**0.00**	**289.32**	**2982.23**	**336.67**	**0.00**			
JHC-NPI		PFC	31D07001	NPI	2022	2	15	10%	417.18	0.00	0.00	417.18	41.72				
JHC-NPI		REC	AP-TD-DIS-76-2022-17258	NPI	2022	3	15	10%	126.54	0.00	0.00	126.54	12.65				
JHC-NPI		REC	AP-TD-DIS-76-2022-17259	NPI	2022	3	15	10%	85.78	0.00	0.00	85.78	8.58				
JHC-NPI		REC	AP-TD-DIS-76-2022-17257	NPI	2022	3	15	10%	212.35	0.00	0.00	212.35	21.24				
System Improvement		REC	AP-TD-DIS-076-2022-16882	System Improvement	2022	2	10	10%	88.95	0.00	5.93	83.02	8.90				
System Improvement		REC	AP-TD-DIS-076-2022-17096	System Improvement	2022	2	10	10%	73.70	0.00	0.00	73.70	7.37				
HVDS		REC	AP-TD-DIS-076-2019-15757	HVDS	2022	3	10	11%	71.95	0.00	3.00	68.95	7.91				
HVDS		REC	AP-TD-DIS-076-2019-15796	HVDS	2022	3	10	11%	146.41	0.00	8.54	137.87	16.11				
HVDS		REC	AP-TD-DIS-076-2019-15756	HVDS	2022	3	10	11%	92.54	0.00	5.39	87.15	10.18				
HVDS		REC	AP-TD-DIS-076-2019-15797	HVDS	2022	3	10	11%	108.75	0.00	4.53	104.22	11.96				
HVDS		REC	AP-TD-DIS-076-2015-9424		2023				40.54	0.00	0.00	40.54	4.46				
HVDS		REC	AP-TD-DIS-076-2015-9425		2023				20.21	0.00	0.00	20.21	2.22				
HVDS		REC	AP-TD-DIS-076-2015-9430		2023				6.16	0.00	0.00	6.16	0.68				
9 Hrs supply		REC	AP-TD-DIS-076-2021-16595	9 Hrs supply					24.26	0.00	0.00	24.26	2.55				

Loan Type	Account Code	Loan Agency (Source of Loan)	Loan Code*	Related Project Code	Year of incurring loan	Moratorium Period (in years)	Tenure of Loan (in years)	Rate of Interest	Balance at the beginning of the year	Amount received during the year	Amount redeemed during the year	Balance outstanding at the end of the year	Interest Expense incurred during the year	Interest Expense paid till end of the year	Interest payment defaulted on (if any)	Principle payment defaulted on (if any)	Remarks
REC - Regular		REC	763048 to 7616508		multiple dates	3.00	13 Years	10.00 to 11.00%	940.05	0.00	131.52	808.53	98.70				
REC - DDUGJY		REC	56611533 to 56611540		2018	3.00	13 Years	10.25 to 10.90%	35.85	0.00	4.68	31.17	3.76				
REC- World Bank 24*7 - counterpart		REC	7612541.00		2017	3.00	13 Years	10.25 to 11.00%	75.12	0.00	9.00	66.12	7.89				
REC DDG (Qtrly)		REC	766001208.00		2019	3.00	13 Years	0.10	0.10	0.00	0.00	0.10	0.01				
REC - JBIC		REC	394299 to 394308		2008	3.00	15 Years	10.25 to 11.05%	12.69	0.00	6.96	5.73	1.33				
PFC - Regular		PFC	31807003 & 31807004		2009	3.00	13Years	0.11	0.12	0.00	0.00	0.12	0.01				
PFC -RAPDRP					2009	3.00	13Years	0.09	72.52	0.00	0.00	72.52	6.53				
PFC - IPDS I &II		PFC	31852001 to 31852008 31858001 to 31858004		2017	3.00	13Years	0.11	39.37	0.00	5.85	33.52	4.19				
PFC - GEL		PFC	31860001.00		2015	2.00	14 Years	10.35 to 11.10%	12.45	0.00	1.92	10.53	1.31				
SBI, VIJAYAWADA		SBI			2018		10Years	0.10	548.83	0.00	102.00	446.83	55.98				
World Bank			IBRD T8049		2017		14Years	0.02	19.13	0.00	0.00	19.13	0.43				
Unsecured Loans			**all**						**466.94**	**0.00**	**11.09**	**455.85**	**20.38**	**0.00**			
Bonds			**all**						**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**			
Debentures			**all**						**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**			
												0.00					
Borrowings for working capital			**all**						**335.31**	**0.00**	**11.09**	**324.22**	**19.52**	**0.00**			
IREDA					2021			11.50%	11.09	0.00	11.09	0.00	0.00				
FRP Bonds					2019				123.90	0.00	0.00	123.90	0.00				
Bill discounting									200.32	0.00	0.00	200.32	19.52				
Funds from State Government and Institution approved by State Government			**all**						**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**			
Other Unsecured Loans			**all**						**131.63**	**0.00**	**0.00**	**131.63**	**0.86**	**0.00**			
JICA			IDP-216		2011		30Years	0.65%	131.63	0.00	0.00	131.63	0.86				
TOTAL			**all**						**11588.78**	**46.00**	**2381.00**	**9253.78**	**973.55**	**0.00**			

Loan Type	Account Code	Loan Agency (Source of Loan)	Loan Code*	Related Project Code	Year of incurring loan	Moratorium Period (in years)	Tenure of Loan (in years)	Rate of Interest	Balance at the beginning of the year	Amount received during the year	Amount redeemed during the year	Balance outstanding at the end of the year	Interest Expense incurred during the year	Interest Expense paid till end of the year	Interest payment defaulted on (if any)	Principle payment defaulted on (if any)	Remarks
Year 2																**Amount in Rs. Crores**	
Secured Loans			**all**						**8797.92**	**0.00**	**1311.06**	**7486.86**	**797.87**	**0.00**			
Bonds			**all**						**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**			
												0.00					
Debentures			**all**						**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**			
												0.00					
Borrowings for working capital			**all**						**5815.69**	**0.00**	**934.37**	**4881.32**	**491.36**	**0.00**			
REC								8.25% to 12.15%	1665.70	0.00	256.82	1408.88	148.23				
PFC								8.25% to 11%	1643.53	0.00	278.73	1364.80	155.32				
PTC Financial Services									0.00	0.00	0.00	0.00	0.00				
ICD from Transco								8.05 to 9.05%	164.28	0.00	45.15	119.13	13.72				
ICD from Genco					2023			9.00%	79.29	0.00	56.04	23.25	4.84				
APPFCL					2019			9.00%	2060.79	0.00	265.52	1795.27	135.80				
SBI MTL								8.75%	32.11	0.00	32.11	0.00	0.91				
CC limits								8.50% & 13.10%	169.99	0.00	0.00	169.99	32.54				
Funds from State Government and Institution approved by State Government			**all**						**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**			
												0.00					
Other Secured Loans			**all**						**2982.23**	**0.00**	**376.69**	**2605.54**	**306.51**	**0.00**			
JHC-NPI		PFC	31D07001	NPI	2022	2	15	10.00%	417.18	0.00	27.81	389.37	41.72				
JHC-NPI		REC	AP-TD-DIS-76-2022-17258	NPI	2022	3	15	10.00%	126.54	0.00	8.44	118.10	12.65				
JHC-NPI		REC	AP-TD-DIS-76-2022-17259	NPI	2022	3	15	10.00%	85.78	0.00	5.72	80.06	8.58				
JHC-NPI		REC	AP-TD-DIS-76-2022-17257	NPI	2022	3	15	10.00%	212.35	0.00	14.16	198.19	21.24				
System Improvement		REC	AP-TD-DIS-076-2022-16882	System Improvement	2022	2	10	10.00%	83.02	0.00	8.88	74.14	8.30				
System Improvement		REC	AP-TD-DIS-076-2022-17096	System Improvement	2022	2	10	10.00%	73.70	0.00	7.36	66.34	7.37				
HVDS		REC	AP-TD-DIS-076-2019-15757	HVDS	2022	3	10	11.00%	68.95	0.00	7.20	61.75	7.58				
HVDS		REC	AP-TD-DIS-076-2019-15796	HVDS	2022	3	10	11.00%	137.87	0.00	14.64	123.23	15.17				
HVDS		REC	AP-TD-DIS-076-2019-15756	HVDS	2022	3	10	11.00%	87.15	0.00	9.24	77.91	9.59				
HVDS		REC	AP-TD-DIS-076-2019-15797	HVDS	2022	3	10	11.00%	104.22	0.00	10.92	93.30	11.46				
HVDS		REC	AP-TD-DIS-076-2015-9424		2023				40.54	0.00	0.00	40.54	4.46				
HVDS		REC	AP-TD-DIS-076-2015-9425		2023				20.21	0.00	0.00	20.21	2.22				
HVDS		REC	AP-TD-DIS-076-2015-9430		2023				6.16	0.00	0.00	6.16	0.68				
9 Hrs supply		REC	AP-TD-DIS-076-2021-16595	9 Hrs supply					24.26	0.00	1.62	22.64	2.55				

Loan Type	Account Code	Loan Agency (Source of Loan)	Loan Code*	Related Project Code	Year of incurring loan	Moratorium Period (in years)	Tenure of Loan (in years)	Rate of Interest	Balance at the beginning of the year	Amount received during the year	Amount redeemed during the year	Balance outstanding at the end of the year	Interest Expense incurred during the year	Interest Expense paid till end of the year	Interest payment defaulted on (if any)	Principle payment defaulted on (if any)	Remarks
REC - Regular		REC	763048 to 7616508		multiple dates	3.00	13 Years	10.00 to 11.00%	808.53	0.00	131.52	677.01	84.90				
REC - DDUGJY		REC	56611533 to 56611540		2018	3.00	13 Years	10.25 to 10.90%	31.17	0.00	4.68	26.49	3.27				
REC- World Bank 24*7 - counterpart		REC	7612541.00		2017	3.00	13 Years	10.25 to 11.00%	66.12	0.00	9.00	57.12	6.94				
REC DDG (Qtrly)		REC	766001208.00		2019	3.00	13 Years	10.25%	0.10	0.00	0.00	0.10	0.01				
REC - JBIC		REC	394299 to 394308		2008	3.00	15 Years	10.25 to 11.05%	5.73	0.00	5.73	0.00	0.60				
PFC - Regular		PFC	31807003 & 31807004		2009	3.00	13Years	11.25%	0.12	0.00	0.00	0.12	0.01				
PFC -RAPDRP					2009	3.00	13Years	9.00%	72.52	0.00	0.00	72.52	6.53				
PFC - IPDS I &II		PFC	31852001 to 31852008 31858001 to 31858004		2017	3.00	13Years	10.65%	33.52	0.00	5.85	27.67	3.57				
PFC - GEL		PFC	31860001		2015	2.00	14 Years	10.35 to 11.10%	10.53	0.00	1.92	8.61	1.11				
SBI, VIJAYAWADA		SBI			2018		10Years	10.20%	446.83	0.00	102.00	344.83	45.58				
World Bank			IBRD T8049		2017		14Years	2.24%	19.13	0.00	0.00	19.13	0.43				
Unsecured Loans			**all**						**455.85**	**0.00**	**0.00**	**455.85**	**20.38**	**0.00**			
Bonds			**all**						**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**			
Debentures			**all**						**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**			
												0.00					
Borrowings for working capital			**all**						**324.22**	**0.00**	**0.00**	**324.22**	**19.52**	**0.00**			
IREDA					2021			11.50%	0.00	0.00	0.00	0.00	0.00				
FRP Bonds					2019				123.90	0.00	0.00	123.90	0.00				
Bill discounting									200.32	0.00	0.00	200.32	19.52				
Funds from State Government and Institution approved by State Government			**all**						**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**			
Other Unsecured Loans			**all**						**131.63**	**0.00**	**0.00**	**131.63**	**0.86**	**0.00**			
JICA			IDP-216		2011		30Years	0.65%	131.63	0.00	0.00	131.63	0.86				
TOTAL			**all**						**9253.78**	**0.00**	**1311.06**	**7942.72**	**818.25**	**0.00**			

Loan Type	Account Code	Loan Agency (Source of Loan)	Loan Code*	Related Project Code	Year of incurring loan	Moratorium Period (in years)	Tenure of Loan (in years)	Rate of Interest	Balance at the beginning of the year	Amount received during the year	Amount redeemed during the year	Balance outstanding at the end of the year	Interest Expense incurred during the year	Interest Expense paid till end of the year	Interest payment defaulted on (if any)	Principle payment defaulted on (if any)	Remarks
Year 3																**Amount in Rs. Crores**	
Secured Loans			**all**						**7486.86**	**0.00**	**1175.22**	**6311.64**	**676.87**	**0.00**			
Bonds			**all**						**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**			
												0.00					
Debentures			**all**						**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**			
												0.00					
Borrowings for working capital			**all**						**4881.32**	**0.00**	**799.22**	**4082.10**	**409.46**	**0.00**			
REC								8.25% to 12.15%	1408.88	0.00	256.82	1152.06	123.51				
PFC								8.25% to 11%	1364.80	0.00	253.53	1111.27	130.53				
PTC Financial Services									0.00	0.00	0.00	0.00	0.00				
ICD from Transco								8.05 to 9.05%	119.13	0.00	0.00	119.13	11.71				
ICD from Genco					2023			9.00%	23.25	0.00	23.35	-0.10	0.52				
APPFCL					2019			9.00%	1795.27	0.00	265.52	1529.75	110.65				
SBI MTL								8.75%	0.00	0.00	0.00	0.00	0.00				
CC limits								8.50% & 13.10%	169.99	0.00		169.99	32.54				
Funds from State Government and Institution approved by State Government			**all**						**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**			
												0.00					
Other Secured Loans			**all**						**2605.54**	**0.00**	**376.00**	**2229.54**	**267.41**	**0.00**			
JHC-NPI		PFC	31D07001	NPI	2022	2	15	10%	389.37	0.00	27.81	361.56	38.94				
JHC-NPI		REC	AP-TD-DIS-76-2022-17258	NPI	2022	3	15	10%	118.10	0.00	8.44	109.66	11.81				
JHC-NPI		REC	AP-TD-DIS-76-2022-17259	NPI	2022	3	15	10%	80.06	0.00	5.72	74.34	8.01				
JHC-NPI		REC	AP-TD-DIS-76-2022-17257	NPI	2022	3	15	10%	198.19	0.00	14.16	184.03	19.82				
System Improvement		REC	AP-TD-DIS-076-2022-16882	System Improvement	2022	2	10	10%	74.14	0.00	8.88	65.26	7.41				
System Improvement		REC	AP-TD-DIS-076-2022-17096	System Improvement	2022	2	10	10%	66.34	0.00	7.36	58.98	6.63				
HVDS		REC	AP-TD-DIS-076-2019-15757	HVDS	2022	3	10	11%	61.75	0.00	7.20	54.55	6.79				
HVDS		REC	AP-TD-DIS-076-2019-15796	HVDS	2022	3	10	11%	123.23	0.00	14.64	108.59	13.56				
HVDS		REC	AP-TD-DIS-076-2019-15756	HVDS	2022	3	10	11%	77.91	0.00	9.24	68.67	8.57				
HVDS		REC	AP-TD-DIS-076-2019-15797	HVDS	2022	3	10	11%	93.30	0.00	10.92	82.38	10.26				
HVDS		REC	AP-TD-DIS-076-2015-9424		2023				40.54	0.00	3.06	37.48	4.46				
HVDS		REC	AP-TD-DIS-076-2015-9425		2023				20.21	0.00	1.53	18.68	2.22				
HVDS		REC	AP-TD-DIS-076-2015-9430		2023				6.16	0.00	0.45	5.71	0.68				
9 Hrs supply		REC	AP-TD-DIS-076-2021-16595	9 Hrs supply					22.64	0.00	1.62	21.02	2.38				

Loan Type	Account Code	Loan Agency (Source of Loan)	Loan Code*	Related Project Code	Year of incurring loan	Moratorium Period (in years)	Tenure of Loan (in years)	Rate of Interest	Balance at the beginning of the year	Amount received during the year	Amount redeemed during the year	Balance outstanding at the end of the year	Interest Expense incurred during the year	Interest Expense paid till end of the year	Interest payment defaulted on (if any)	Principle payment defaulted on (if any)	Remarks
REC - Regular		REC	763048 to 7616508		multiple dates	3	13 Years	10.00 to 11.00%	677.01	0.00	131.52	545.49	71.09				
REC - DDUGJY		REC	56611533 to 56611540		2018	3	13 Years	10.25 to 10.90%	26.49	0.00	4.68	21.81	2.78				
REC- World Bank 24*7 - counterpart		REC	7612541.00		2017	3	13 Years	10.25 to 11.00%	57.12	0.00	9.00	48.12	6.00				
REC DDG (Qtrly)		REC	766001208.00		2019	3	13 Years	10.25%	0.10	0.00	0.00	0.10	0.01				
REC - JBIC		REC	394299 to 394308		2008	3	15 Years	10.25 to 11.05%	0.00	0.00	0.00	0.00	0.00				
PFC - Regular		PFC	31807003 & 31807004		2009	3	13Years	11.25%	0.12	0.00	0.00	0.12	0.01				
PFC -RAPDRP					2009	3	13Years	9.00%	72.52	0.00	0.00	72.52	6.53				
PFC - IPDS I &II		PFC	31852001 to 31852008 31858001 to 31858004		2017	3	13Years	10.65%	27.67	0.00	5.85	21.82	2.95				
PFC - GEL		PFC	31860001.00		2015	2	14 Years	10.35 to 11.10%	8.61	0.00	1.92	6.69	0.90				
SBI, VIJAYAWADA		SBI			2018		10Years	10.20%	344.83	0.00	102.00	242.83	35.17				
World Bank			IBRD T8049		2017		14Years	2.24%	19.13	0.00	0.00	19.13	0.43				
Unsecured Loans			**all**						**455.85**	**0.00**	**0.00**	**455.85**	**20.38**	**0.00**			
Bonds			**all**						**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**			
Debentures			**all**						**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**			
												0.00					
Borrowings for working capital			**all**						**324.22**	**0.00**	**0.00**	**324.22**	**19.52**	**0.00**			
IREDA					2021			11.50%	0.00	0.00	0.00	0.00	0.00				
FRP Bonds					2019				123.90	0.00	0.00	123.90	0.00				
Bill discounting									200.32	0.00	0.00	200.32	19.52				
Funds from State Government and Institution approved by State Government			**all**						**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**			
Other Unsecured Loans			**all**						**131.63**	**0.00**	**0.00**	**131.63**	**0.86**	**0.00**			
JICA			IDP-216		2011		30Years	0.65%	131.63	0.00	0.00	131.63	0.86				
TOTAL			**all**						**7942.72**	**0.00**	**1175.22**	**6767.50**	**697.24**	**0.00**			

Loan Type	Account Code	Loan Agency (Source of Loan)	Loan Code*	Related Project Code	Year of incurring loan	Moratorium Period (in years)	Tenure of Loan (in years)	Rate of Interest	Balance at the beginning of the year	Amount received during the year	Amount redeemed during the year	Balance outstanding at the end of the year	Interest Expense incurred during the year	Interest Expense paid till end of the year	Interest payment defaulted on (if any)	Principle payment defaulted on (if any)	Remarks
Year 4																**Amount in Rs. Crores**	
Secured Loans			**all**						**6311.74**	**0.00**	**1166.59**	**5145.15**	**563.39**	**0.00**			
Bonds			**all**						**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**			
												0.00					
Debentures			**all**						**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**			
												0.00					
Borrowings for working capital			**all**						**4082.20**	**0.00**	**788.91**	**3293.29**	**335.04**	**0.00**			
REC								8.25% to 12.15%	1152.06	0.00	256.82	895.24	99.06				
PFC								8.25% to 11%	1111.27	0.00	266.57	844.70	105.72				
PTC Financial Services									0.00	0.00	0.00	0.00	0.00				
ICD from Transco								8.05 to 9.05%	119.13	0.00	0.00	119.13	12.70				
ICD from Genco					2023			9.00%	0.00	0.00	0.00	0.00	0.00				
APPFCL					2019			9.00%	1529.75	0.00	265.52	1264.23	85.02				
SBI MTL								8.75%	0.00	0.00	0.00	0.00	0.00				
CC limits								8.50% & 13.10%	169.99	0.00	0.00	169.99	32.54				
Funds from State Government and Institution approved by State Government			**all**						**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**			
												0.00					
Other Secured Loans			**all**						**2229.54**	**0.00**	**377.68**	**1851.86**	**228.35**	**0.00**			
JHC-NPI		PFC	31D07001	NPI	2022	2.00	15.00	10.00%	361.56	0.00	27.81	333.75	36.16				
JHC-NPI		REC	AP-TD-DIS-76-2022-17258	NPI	2022	3.00	15.00	10.00%	109.66	0.00	8.44	101.22	10.97				
JHC-NPI		REC	AP-TD-DIS-76-2022-17259	NPI	2022	3.00	15.00	10.00%	74.34	0.00	5.72	68.62	7.43				
JHC-NPI		REC	AP-TD-DIS-76-2022-17257	NPI	2022	3.00	15.00	10.00%	184.03	0.00	14.16	169.87	18.40				
System Improvement		REC	AP-TD-DIS-076-2022-16882	System Improvement	2022	2.00	10.00	10.00%	65.26	0.00	8.88	56.38	6.53				
System Improvement		REC	AP-TD-DIS-076-2022-17096	System Improvement	2022	2.00	10.00	10.00%	58.98	0.00	7.36	51.62	5.90				
HVDS		REC	AP-TD-DIS-076-2019-15757	HVDS	2022	3.00	10.00	11.00%	54.55	0.00	7.20	47.35	6.00				
HVDS		REC	AP-TD-DIS-076-2019-15796	HVDS	2022	3.00	10.00	11.00%	108.59	0.00	14.64	93.95	11.94				
HVDS		REC	AP-TD-DIS-076-2019-15756	HVDS	2022	3.00	10.00	11.00%	68.67	0.00	9.24	59.43	7.55				
HVDS		REC	AP-TD-DIS-076-2019-15797	HVDS	2022	3.00	10.00	11.00%	82.38	0.00	10.92	71.46	9.06				
HVDS		REC	AP-TD-DIS-076-2015-9424		2023				37.48	0.00	4.08	33.40	4.12				
HVDS		REC	AP-TD-DIS-076-2015-9425		2023				18.68	0.00	2.04	16.64	2.05				
HVDS		REC	AP-TD-DIS-076-2015-9430		2023				5.71	0.00	0.60	5.11	0.63				
9 Hrs supply		REC	AP-TD-DIS-076-2021-16595	9 Hrs supply					21.02	0.00	1.62	19.40	2.21				

Loan Type	Account Code	Loan Agency (Source of Loan)	Loan Code*	Related Project Code	Year of incurring loan	Moratorium Period (in years)	Tenure of Loan (in years)	Rate of Interest	Balance at the beginning of the year	Amount received during the year	Amount redeemed during the year	Balance outstanding at the end of the year	Interest Expense incurred during the year	Interest Expense paid till end of the year	Interest payment defaulted on (if any)	Principle payment defaulted on (if any)	Remarks
REC - Regular		REC	763048 to 7616508		multiple dates	3.00	13 Years	10.00 to 11.00%	545.49	0.00	131.52	413.97	57.28				
REC - DDUGJY		REC	56611533 to 56611540		2018	3.00	13 Years	10.25 to 10.90%	21.81	0.00	4.68	17.13	2.29				
REC- World Bank 24*7 - counterpart		REC	7612541.00		2017	3.00	13 Years	10.25 to 11.00%	48.12	0.00	9.00	39.12	5.05				
REC DDG (Qtrly)		REC	766001208.00		2019	3.00	13 Years	10.25%	0.10	0.00	0.00	0.10	0.01				
REC - JBIC		REC	394299 to 394308		2008	3.00	15 Years	10.25 to 11.05%	0.00	0.00	0.00	0.00	0.00				
PFC - Regular		PFC	31807003 & 31807004		2009	3.00	13Years	11.25%	0.12	0.00	0.00	0.12	0.01				
PFC -RAPDRP					2009	3.00	13Years	9.00%	72.52	0.00	0.00	72.52	6.53				
PFC - IPDS I &II		PFC	31852001 to 31852008 31858001 to 31858004		2017	3.00	13Years	10.65%	21.82	0.00	5.85	15.97	2.32				
PFC - GEL		PFC	31860001.00		2015	2.00	14 Years	10.35 to 11.10%	6.69	0.00	1.92	4.77	0.70				
SBI, VIJAYAWADA		SBI			2018		10Years	10.20%	242.83	0.00	102.00	140.83	24.77				
World Bank			IBRD T8049		2017		14Years	2.24%	19.13	0.00	0.00	19.13	0.43				
Unsecured Loans			**all**						**455.85**	**0.00**	**0.00**	**455.85**	**20.38**	**0.00**			
Bonds			**all**						**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**			
Debentures			**all**						**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**			
												0.00					
Borrowings for working capital			**all**						**324.22**	**0.00**	**0.00**	**324.22**	**19.52**	**0.00**			
IREDA					2021			11.50%	0.00	0.00	0.00	0.00	0.00				
FRP Bonds					2019				123.90	0.00	0.00	123.90	0.00				
Bill discounting									200.32	0.00	0.00	200.32	19.52				
Funds from State Government and Institution approved by State Government			**all**						**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**			
Other Unsecured Loans			**all**						**131.63**	**0.00**	**0.00**	**131.63**	**0.86**	**0.00**			
JICA			IDP-216		2011		30Years	0.65%	131.63	0.00	0.00	131.63	0.86				
TOTAL			**all**						**6767.60**	**0.00**	**1166.59**	**5601.01**	**583.77**	**0.00**			

Loan Type	Account Code	Loan Agency (Source of Loan)	Loan Code*	Related Project Code	Year of incurring loan	Moratorium Period (in years)	Tenure of Loan (in years)	Rate of Interest	Balance at the beginning of the year	Amount received during the year	Amount redeemed during the year	Balance outstanding at the end of the year	Interest Expense incurred during the year	Interest Expense paid till end of the year	Interest payment defaulted on (if any)	Principle payment defaulted on (if any)	Remarks
Year 5																**Amount in Rs. Crores**	
Secured Loans			**all**						**5145.15**	**0.00**	**1167.19**	**3977.96**	**445.75**	**0.00**			
Bonds			**all**						**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**			
												0.00					
Debentures			**all**						**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**			
												0.00					
Borrowings for working capital			**all**						**3293.29**	**0.00**	**789.51**	**2503.78**	**256.64**	**0.00**			
REC								8.25% to 12.15%	895.24	0.00	256.82	638.42	74.12				
PFC								8.25% to 11%	844.70	0.00	280.90	563.80	79.33				
PTC Financial Services									0.00	0.00	0.00	0.00	0.00				
ICD from Transco								8.05 to 9.05%	119.13	0.00	0.00	119.13	11.71				
ICD from Genco					2023			9.00%	0.00	0.00	0.00	0.00	0.00				
APPFCL					2019			9.00%	1264.23	0.00	251.79	1012.44	58.94				
SBI MTL								8.75%	0.00	0.00	0.00	0.00	0.00				
CC limits								8.50% & 13.10%	169.99	0.00	0.00	169.99	32.54				
Funds from State Government and Institution approved by State Government			**all**						**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**			
												0.00					
Other Secured Loans			**all**						**1851.86**	**0.00**	**377.68**	**1474.18**	**189.11**	**0.00**			
JHC-NPI		PFC	31D07001	NPI	2022	2.00	15.00	10.00%	333.75	0.00	27.81	305.94	33.38				
JHC-NPI		REC	AP-TD-DIS-76-2022-17258	NPI	2022	3.00	15.00	10.00%	101.22	0.00	8.44	92.78	10.12				
JHC-NPI		REC	AP-TD-DIS-76-2022-17259	NPI	2022	3.00	15.00	10.00%	68.62	0.00	5.72	62.90	6.86				
JHC-NPI		REC	AP-TD-DIS-76-2022-17257	NPI	2022	3.00	15.00	10.00%	169.87	0.00	14.16	155.71	16.99				
System Improvement		REC	AP-TD-DIS-076-2022-16882	System Improvement	2022	2.00	10.00	10.00%	56.38	0.00	8.88	47.50	5.64				
System Improvement		REC	AP-TD-DIS-076-2022-17096	System Improvement	2022	2.00	10.00	10.00%	51.62	0.00	7.36	44.26	5.16				
HVDS		REC	AP-TD-DIS-076-2019-15757	HVDS	2022	3.00	10.00	11.00%	47.35	0.00	7.20	40.15	5.21				
HVDS		REC	AP-TD-DIS-076-2019-15796	HVDS	2022	3.00	10.00	11.00%	93.95	0.00	14.64	79.31	10.33				
HVDS		REC	AP-TD-DIS-076-2019-15756	HVDS	2022	3.00	10.00	11.00%	59.43	0.00	9.24	50.19	6.54				
HVDS		REC	AP-TD-DIS-076-2019-15797	HVDS	2022	3.00	10.00	11.00%	71.46	0.00	10.92	60.54	7.86				
HVDS		REC	AP-TD-DIS-076-2015-9424		2023				33.40	0.00	4.08	29.32	3.67				
HVDS		REC	AP-TD-DIS-076-2015-9425		2023				16.64	0.00	2.04	14.60	1.83				
HVDS		REC	AP-TD-DIS-076-2015-9430		2023				5.11	0.00	0.60	4.51	0.56				
9 Hrs supply		REC	AP-TD-DIS-076-2021-16595	9 Hrs supply					19.40	0.00	1.62	17.78	2.04				

Loan Type	Account Code	Loan Agency (Source of Loan)	Loan Code*	Related Project Code	Year of incurring loan	Moratorium Period (in years)	Tenure of Loan (in years)	Rate of Interest	Balance at the beginning of the year	Amount received during the year	Amount redeemed during the year	Balance outstanding at the end of the year	Interest Expense incurred during the year	Interest Expense paid till end of the year	Interest payment defaulted on (if any)	Principle payment defaulted on (if any)	Remarks
REC - Regular		REC	763048 to 7616508		multiple dates	3.00	13 Years	10.00 to 11.00%	413.97	0.00	131.52	282.45	43.47				
REC - DDUGJY		REC	56611533 to 56611540		2018	3.00	13 Years	10.25 to 10.90%	17.13	0.00	4.68	12.45	1.80				
REC- World Bank 24*7 - counterpart		REC	7612541.00		2017	3.00	13 Years	10.25 to 11.00%	39.12	0.00	9.00	30.12	4.11				
REC DDG (Qtrly)		REC	766001208.00		2019	3.00	13 Years	10.25%	0.10	0.00	0.00	0.10	0.01				
REC - JBIC		REC	394299 to 394308		2008	3.00	15 Years	10.25 to 11.05%	0.00	0.00	0.00	0.00	0.00				
PFC - Regular		PFC	31807003 & 31807004		2009	3.00	13Years	11.25%	0.12	0.00	0.00	0.12	0.01				
PFC -RAPDRP					2009	3.00	13Years	9.00%	72.52	0.00	0.00	72.52	6.53				
PFC - IPDS I &II		PFC	31852001 to 31852008 31858001 to 31858004		2017	3.00	13Years	10.65%	15.97	0.00	5.85	10.12	1.70				
PFC - GEL		PFC	31860001.00		2015	2.00	14 Years	10.35 to 11.10%	4.77	0.00	1.92	2.85	0.50				
SBI, VIJAYAWADA		SBI			2018		10Years	10.20%	140.83	0.00	102.00	38.83	14.37				
World Bank			IBRD T8049		2017		14Years	2.24%	19.13	0.00	0.00	19.13	0.43				
Unsecured Loans			**all**						**455.85**	**0.00**	**0.00**	**455.85**	**20.38**	**0.00**			
Bonds			**all**						**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**			
Debentures			**all**						**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**			
												0.00					
Borrowings for working capital			**all**						**324.22**	**0.00**	**0.00**	**324.22**	**19.52**	**0.00**			
IREDA					2021			11.50%	0.00	0.00	0.00	0.00	0.00				
FRP Bonds					2019				123.90	0.00	0.00	123.90	0.00				
Bill discounting									200.32	0.00	0.00	200.32	19.52				
Funds from State Government and Institution approved by State Government			**all**						**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**			
Other Unsecured Loans			**all**						**131.63**	**0.00**	**0.00**	**131.63**	**0.86**	**0.00**			
JICA			IDP-216		2011		30Years	0.65%	131.63	0.00	0.00	131.63	0.86				
TOTAL			**all**						**5601.01**	**0.00**	**1167.19**	**4433.82**	**466.12**	**0.00**			

Form 1.1h - FOREIGN CURRENCY LOANS & CREDIT

This form pertains to the Total Foreign Currency Loans and Debentures
Please fill in the required details pertaining to each year

Base Year

Amount in Rs. Crores

Loan Type	Loan Agency (Source of Loan)	Year of Sanction (DD-MMM-YY)	Reason for incurring Loan*	Related Project Code	Tenure of Loan (in years)	Currency of Loan	Amount sanctioned (in FCY)	Initial Exchange Rate	Current Exchange Rate	Moratorium Period (in years)	Rate of Interest	Balance at the beginning of the year	Amount received during the year	Amount redeemed during the year	Balance outstanding at the end of the year	Interest Expense incurred during the year	Interest Expense paid till end of the year	Interest payment defaulted on	Principle payment defaulted on	Pcode	Loan Code	Remarks
Secured Loans												0.00	0.00	0.00	0.00	0.00	0.00					
															0.00							
Unsecured Loans												0.00	0.00	0.00	0.00	0.00	0.00					
															0.00							
TOTAL												0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			

Year 1

Loan Type	Loan Agency (Source of Loan)	Year of Sanction (DD-MMM-YY)	Reason for incurring Loan*	Related Project Code	Tenure of Loan (in years)	Currency of Loan	Amount sanctioned (in FCY)	Initial Exchange Rate	Current Exchange Rate	Moratorium Period (in years)	Rate of Interest	Balance at the beginning of the year	Amount received during the year	Amount redeemed during the year	Balance outstanding at the end of the year	Interest Expense incurred during the year	Interest Expense paid till end of the year	Interest payment defaulted on	Principle payment defaulted on	Pcode	Loan Code	Remarks
Secured Loans												0.00	0.00	0.00	0.00	0.00	0.00					
															0.00							
Unsecured Loans												0.00	0.00	0.00	0.00	0.00	0.00					
															0.00							
TOTAL												0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			

Year 2

Loan Type	Loan Agency (Source of Loan)	Year of Sanction (DD-MMM-YY)	Reason for incurring Loan*	Related Project Code	Tenure of Loan (in years)	Currency of Loan	Amount sanctioned (in FCY)	Initial Exchange Rate	Current Exchange Rate	Moratorium Period (in years)	Rate of Interest	Balance at the beginning of the year	Amount received during the year	Amount redeemed during the year	Balance outstanding at the end of the year	Interest Expense incurred during the year	Interest Expense paid till end of the year	Interest payment defaulted on	Principle payment defaulted on	Pcode	Loan Code	Remarks
Secured Loans												0.00	0.00	0.00	0.00	0.00	0.00					
															0.00							
Unsecured Loans												0.00	0.00	0.00	0.00	0.00	0.00					
															0.00							
TOTAL												0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			

Year 3

Loan Type	Loan Agency (Source of Loan)	Year of Sanction (DD-MMM-YY)	Reason for incurring Loan*	Related Project Code	Tenure of Loan (in years)	Currency of Loan	Amount sanctioned (in FCY)	Initial Exchange Rate	Current Exchange Rate	Moratorium Period (in years)	Rate of Interest	Balance at the beginning of the year	Amount received during the year	Amount redeemed during the year	Balance outstanding at the end of the year	Interest Expense incurred during the year	Interest Expense paid till end of the year	Interest payment defaulted on	Principle payment defaulted on	Pcode	Loan Code	Remarks
Secured Loans												0.00	0.00	0.00	0.00	0.00	0.00					
															0.00							
Unsecured Loans												0.00	0.00	0.00	0.00	0.00	0.00					
															0.00							
TOTAL												0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			

Year 4

Amount in Rs. Crores

Loan Type	Loan Agency (Source of Loan)	Year of Sanction (DD-MMM-YY)	Reason for incurring Loan*	Related Project Code	Tenure of Loan (in years)	Currency of Loan	Amount sanctioned (in FCY)	Initial Exchange Rate	Current Exchange Rate	Moratorium Period (in years)	Rate of Interest	Balance at the beginning of the year	Amount received during the year	Amount redeemed during the year	Balance outstanding at the end of the year	Interest Expense incurred during the year	Interest Expense paid till end of the year	Interest payment defaulted on	Principle payment defaulted on	Pcode	Loan Code	Remarks
Secured Loans												0.00	0.00	0.00	0.00	0.00	0.00					
															0.00							
Unsecured Loans												0.00	0.00	0.00	0.00	0.00	0.00					
															0.00							
TOTAL												0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			

Year 5

Loan Type	Loan Agency (Source of Loan)	Year of Sanction (DD-MMM-YY)	Reason for incurring Loan*	Related Project Code	Tenure of Loan (in years)	Currency of Loan	Amount sanctioned (in FCY)	Initial Exchange Rate	Current Exchange Rate	Moratorium Period (in years)	Rate of Interest	Balance at the beginning of the year	Amount received during the year	Amount redeemed during the year	Balance outstanding at the end of the year	Interest Expense incurred during the year	Interest Expense paid till end of the year	Interest payment defaulted on	Principle payment defaulted on	Pcode	Loan Code	Remarks
Secured Loans												0.00	0.00	0.00	0.00	0.00	0.00					
															0.00							
Unsecured Loans												0.00	0.00	0.00	0.00	0.00	0.00					
															0.00							
TOTAL												0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			

Form 1.1j - CURRENT ASSETS

This form refers to the total current assets

Please fill in the required details pertaining to each year **Amount in Rs. Crores**

PARTICULARS	D Link	Base Year	Year 1	Year 2	Year 3	Year 4	Year 5	Remarks
MATERIAL STOCK & RELATED ACCOUNTS		468.99	417.35	265.95	191.67	216.60	240.09	
SUNDRY DEBTORS		3263.58	3456.75	3622.68	4010.27	4210.43	4423.16	
CASH AND BANK		140.60	147.62	155.01	162.76	170.89	179.44	
LOANS AND ADVANCES		160.58	168.61	177.04	185.89	195.18	204.94	
OTHER CURRENT ASSETS		2937.26	3054.01	3200.08	3354.97	3521.57	3697.56	
GRAND TOTAL		**6971.00**	**7244.34**	**7420.75**	**7905.56**	**8314.68**	**8745.19**	

Form 1.1k - CURRENT LIABILITIES

This form refers to the total current liabilities

Please fill in the required details pertaining to each year

Amount in Rs. Crores

PARTICULARS	D Link	Base Year	Year 1	Year 2	Year 3	Year 4	Year 5
a) Short term Borrowings		1668.36	1613.56	1512.37	1489.02	1489.12	1489.12
b) Trade Payables		4616.92	4847.77	5090.16	5344.67	5611.90	5892.49
c) Other current liabilities		2406.69	2527.02	2653.38	2786.04	2925.35	3071.61
d) Short term Provisions		126.02	143.58	169.00	200.74	233.67	259.82
GRAND TOTAL		**8817.99**	**9131.93**	**9424.90**	**9820.47**	**10260.04**	**10713.05**

Form 1.1n - RESERVES

This form pertains to the total reserves

Please fill in the required details pertaining to each year

Amount in Rs.Crore

PARTICULARS	D Link	Base Year	Year 1	Year 2	Year 3	Year 4	Year 5
Consumer Contributions		1692.82	1816.20	1945.75	2081.78	2224.62	2374.59
General Reserve		-6900.12	-6557.67	-6164.52	-5724.11	-5238.04	-4713.50
Contingency Reserve		0.00	0.00	0.00	0.00	0.00	0.00
Grants		676.29	1015.29	1128.29	1128.29	1128.29	1128.29
GRAND TOTAL		**-4531.01**	**-3726.18**	**-3090.48**	**-2514.03**	**-1885.13**	**-1210.62**

Form : 1.2 - Cash Flow Statement

Cash Flows from Operating Activities	**D Link**	**Base Year**	**Year 1**	**Year 2**	**Year 3**	**Year 4**	**Year 5**
Net Profit before Tax		336.61	371.75	435.54	500.99	564.65	612.87
Adjustments for depreciation		381.29	456.52	573.16	735.99	925.27	1074.98
Adjustments for foreign exchange loss / (gain)		0.00	0.00	0.00	0.00	0.00	0.00
Provision for diminution in value of investments		0.00	0.00	0.00	0.00	0.00	0.00
Interest expense (income)		542.17	823.12	1029.21	1121.62	1143.66	1165.43
Less: Withdrawal of Dep. On CC assets		226.18	237.49	249.36	261.83	274.92	288.67
Operating income before working capital charges		**1033.90**	**1413.90**	**1788.55**	**2096.76**	**2358.65**	**2564.61**
Decrease / (increase) in trade and other receivables		1712.40	-193.17	-165.93	-387.59	-200.16	-212.73
Decrease / (increase) in inventories		-57.25	51.64	151.40	74.27	-24.93	-23.49
Increase / Decrease in Loans & Advances		-7.65	-8.03	-8.43	-8.85	-9.29	-9.76
Increase / Decrease in Other Receivables		22.98	-116.75	-146.07	-154.88	-166.60	-175.99
Increase/(Decrease) in trade payables		830.94	5000.27	2634.80	1954.27	1621.17	1402.77
Increase / Decrease in Provisions		-52.57	17.56	25.42	31.74	32.93	26.15
Increase / Decrease in other Current liabilities		114.60	120.33	126.35	132.67	139.30	146.27
Cash generated from operations		***3597.35***	***6285.76***	***4406.08***	***3738.39***	***3751.08***	***3717.83***
Interest paid							
Provision for Income Tax		0.00	0.00	0.00	0.00	0.00	0.00
Extraordinary gain / (loss)							
Net cash from generated from operating activities		***3597.35***	***6285.76***	***4406.08***	***3738.39***	***3751.08***	***3717.83***
Cash Flows from Investing Activities							
Acquisition of subsidiary							
Purchase of Fixed Assets (Including Interest capitalised)		-1609.72	-2481.82	-3485.01	-4067.35	-3664.24	-1740.48
Reserves in Government Bonds							
Interest received							
Dividends received							
Purchase of Other Investment Activities		0.00	0.00	0.00	0.00	0.00	0.00
Sale of Other Investment Activities		0.00	0.00	0.00	0.00	0.00	0.00
Increase /(Decrease) in liability for Capital works		-2646.94	-1370.03	913.34	2229.36	1822.00	-60.30
Accumulated interest on investments through contingency reserve							
Net cash used in (from) investment activities		***-4256.67***	***-3851.85***	***-2571.67***	***-1837.99***	***-1842.23***	***-1800.78***
Cash Flows from Financing Activities							
Proceeds from issuance of share capital		0.00	0.00	0.00	0.00	0.00	0.00
Proceeds from Long Term Debt		2741.86	2554.32	1449.74	853.42	957.87	1057.60
Repayment of long term debt		-279.64	-289.32	-569.66	-824.40	-971.05	-1056.40
Proceeds from Govt. Subsidies and Grants		749.51	462.38	242.55	136.03	142.83	149.97
Payment of financial lease liabilities							
Interest Paid		-542.17	-823.12	-1029.21	-1121.62	-1143.66	-1165.43
Dividends paid							
Net cash from (used in) financing activities		***2669.56***	***1904.26***	***93.43***	***-956.57***	***-1014.01***	***-1014.25***
Net Change in Cash Equivalents		**2010.24**	**4338.17**	**1927.83**	**943.82**	**894.83**	**902.80**
Cash and Cash Equivalents at Beginning of Year		133.90	140.60	147.62	155.01	162.76	170.89
Cash and Cash Equivalents at End of Year		**140.60**	**147.62**	**155.01**	**162.76**	**170.89**	**179.44**

Form 1.3a - Operation and Maintenance Expenses

This form pertains to the Operation and Maintenance Expenses

Aggregate of all circles **Amount in Rs crores**

Particulars	D-Link	Base Year	Year 1	Year 2	Year 3	Year 4	Year 5
Operation & Maintenance Expenses		**1459**	**1606**	**1784**	**1994**	**2230**	**2473**
Employee Cost		1217	1326	1449	1581	1728	1889
Administrative & General Expenses		51	56	61	67	73	80
Repair & Maintenance Expenses		191	224	275	346	429	505
Technical Details							
Total No of consumers		5307376	5432289	5560296	5691462	5825885	5963636
LT consumers		5302763	5427556	5555435	5686475	5820759	5958372
HT consumers		4613	4733	4861	4987	5126	5264
HT 11kV Consumers		4244	4353	4472	4588	4715	4843
HT 33 kV consumers		335	344	353	363	375	385
HT132 kV consumers		34	34	34	34	33	33
HT220 kV consumers		0	2	2	2	3	3
Numer of Substations		954	995	1040	1086	1136	1189
Capacity of Substations (MVA)		8419	8829	9286	9748	10251	10775
Peak Demand (MW)		2835	2971	3123	3277	3444	3619
Total Length (ckt-km)		176665	180161	184003	187911	192089	196490
LT Line Length		81803	83208	84736	86303	87973	89734
11 kV Line Length		86200	87800	89562	91349	93252	95261
33 kV Line Length		8662	9153	9705	10259	10863	11495
Number of DTRs		288601	294091	300131	306261	312791	319681
Number of PTRs		1397	1438	1483	1529	1579	1632
Number of Feeders		4184	4365	4565	4767	4987	5218
Energy Input (MU)		17191	18800	19708	24342	25322	26327
Total Sales (MU)		15246	16738	17528	21927	22800	23696
LT Sales		10965	11481	12042	12610	13206	13831
HT Sales		4281	5258	5486	9317	9594	9865
11 kV Sales		1571	1653	1757	1854	1973	2089
33 kV Sales		1651	1736	1827	1924	2038	2151
132 kV Sales		1058	1091	1126	1162	1202	1243
220 kV Sales		0	777	777	4377	4382	4382

Circle wise Details

Circle 1 (Please enter the circle name below)

Vijayawada

Particulars	D-Link	Base Year	Year 1	Year 2	Year 3	Year 4	Year 5
Operation & Maintenance Expenses		**483**	**534**	**595**	**667**	**748**	**833**
Employee Cost		403	441	483	529	580	636
Administrative & General Expenses		17	19	20	22	24	27
Repair & Maintenance Expenses		63	74	92	116	144	170
Technical Details							
Total No of consumers		1866998	1915169	1964596	2015307	2067339	2120727
LT consumers		1865211	1913357	1962757	2013441	2065444	2118802
HT consumers		1787	1812	1839	1866	1895	1925
HT 11kV Consumers		1663	1686	1711	1736	1763	1791
HT 33 kV consumers		113	115	117	119	121	123
HT132 kV consumers		11	11	11	11	10	10
HT220 kV consumers		0	0	0	0	1	1
Number of Substations		308	323	339	356	373	392
Capacity of Substations (MVA)		3213	3362	3522	3689	3866	4054
Peak Demand (MW)		1154	1207	1265	1324	1388	1455
Total Length (ckt-km)		58216	59626	61111	62676	64327	66085
LT Line Length		31904	32536	33201	33903	34643	35430
11 kV Line Length		23785	24417	25082	25784	26524	27311
33 kV Line Length		2528	2673	2829	2989	3160	3344
Number of DTRs		95539	97709	99989	102399	104939	107639
Number of PTRs		497	512	528	545	562	581
Number of Feeders		1404	1472	1545	1620	1700	1787
Energy Input (MU)		6920	7235	7583	7934	8310	8701
Total Sales (MU)		6115	6394	6695	7006	7340	7686
LT Sales		4675	4907	5151	5407	5677	5959
HT Sales		1440	1487	1544	1599	1663	1727
11 kV Sales		616	629	651	669	690	713
33 kV Sales		504	525	547	570	594	620
132 kV Sales		321	333	346	360	374	389
220 kV Sales		0	0	0	0	5	5

Circle 2 (Please enter the circle name below)							
Guntur							
Particulars	**D-Link**	**Base Year**	**Year 1**	**Year 2**	**Year 3**	**Year 4**	**Year 5**
Operation & Maintenance Expenses		**484.45**	**532.46**	**590.01**	**658.07**	**735.02**	**813.51**
Employee Cost		404.08	439.76	479.02	521.87	569.49	621.38
Administrative & General Expenses		17.04	18.54	20.19	22.00	24.01	26.20
Repair & Maintenance Expenses		63.33	74.16	90.79	114.20	141.51	165.93
Technical Details							
Total No of consumers		2062040.00	2099212.00	2137078.00	2175648.00	2214941.00	2254964.00
LT consumers		2060286.00	2097399.00	2135203.00	2173710.00	2212934.00	2252889.00
HT consumers		1754.00	1813.00	1875.00	1938.00	2007.00	2075.00
HT 11kV Consumers		1574.00	1628.00	1685.00	1742.00	1803.00	1865.00
HT 33 kV consumers		164.00	169.00	174.00	180.00	188.00	194.00
HT132 kV consumers		16.00	16.00	16.00	16.00	16.00	16.00
HT220 kV consumers		0.00	0.00	0.00	0.00	0.00	0.00
Number of Substations		316.50	330.00	344.50	359.50	376.00	393.00
Capacity of Substations (MVA)		2974.97	3109.96	3254.01	3405.23	3572.01	3744.32
Peak Demand (MW)		1040.92	1088.16	1138.56	1191.47	1249.82	1310.11
Total Length (ckt-km)		52092.20	53067.57	54093.28	55175.75	56359.58	57577.18
LT Line Length		25707.42	26126.96	26566.61	27032.13	27540.76	28063.75
11 kV Line Length		23856.11	24275.65	24715.30	25180.82	25689.45	26212.44
33 kV Line Length		2528.68	2664.97	2811.36	2962.79	3129.37	3301.00
Number of DTRs		86241.00	87701.00	89231.00	90851.00	92621.00	94441.00
Number of PTRs		483.50	497.00	511.50	526.50	543.00	560.00
Number of Feeders		1401.49	1461.27	1525.48	1591.90	1664.96	1740.24
Energy Input (MU)		6450.15	6725.37	7025.44	7331.72	7667.62	8011.19
Total Sales (MU)		5756.52	6003.61	6266.63	6541.63	6843.78	7152.65
LT Sales		3703.64	3846.54	3995.31	4150.22	4311.53	4479.53
HT Sales		2052.87	2157.07	2271.32	2391.41	2532.25	2673.11
11 kV Sales		537.73	577.31	622.44	668.31	719.37	773.50
33 kV Sales		973.18	1025.43	1081.57	1142.15	1217.62	1289.32
132 kV Sales		541.96	554.33	567.31	580.95	595.26	610.29
220 kV Sales		0.00	0.00	0.00	0.00	0.00	0.00

Circle 3 (Please enter the circle name below)							
Ongole							
Particulars	**D-Link**	**Base Year**	**Year 1**	**Year 2**	**Year 3**	**Year 4**	**Year 5**
Operation & Maintenance Expenses		**491**	**540**	**600**	**669**	**747**	**827**
Employee Cost		410	446	487	530	579	632
Administrative & General Expenses		17	19	21	22	24	27
Repair & Maintenance Expenses		64	75	92	116	144	169
Technical Details							
Total No of consumers		1378338	1417908	1458622	1500507	1543605	1587945
LT consumers		1377266	1416800	1457475	1499324	1542381	1586681
HT consumers		1072	1108	1147	1183	1224	1264
HT 11kV Consumers		1007	1039	1076	1110	1149	1187
HT 33 kV consumers		58	60	62	64	66	68
HT132 kV consumers		7	7	7	7	7	7
HT220 kV consumers		0	2	2	2	2	2
		0	0	0	0	0	0
Number of Substations		329	342	357	371	387	404
Capacity of Substations (MVA)		2231	2358	2510	2654	2814	2977
Peak Demand (MW)		696	736	783	828	878	929
Total Length (ckt-km)		66357	67467	68799	70059	71403	72827
LT Line Length		24192	24545	24969	25368	25790	26240
11 kV Line Length		38559	39107	39765	40384	41039	41738
33 kV Line Length		3606	3815	4065	4307	4574	4850
Number of DTRs		106821	108681	110911	113011	115231	117601
Number of PTRs		416	429	444	458	474	491
Number of Feeders		1379	1431	1494	1555	1622	1691
Energy Input (MU)		3821	4840	5100	9077	9344	9615
Total Sales (MU)		3375	4341	4566	8380	8617	8857
LT Sales		2587	2727	2895	3052	3218	3393
HT Sales		788	1614	1671	5327	5399	5465
11 kV Sales		418	447	483	517	564	603
33 kV Sales		174	186	198	212	226	242
132 kV Sales		196	204	212	222	232	244
220 kV Sales		0	777	777	4377	4377	4377

Form 1.3(i) - WORKING CAPITAL

Amount in Rs. Crores

PARTICULARS	D Link	Base Year	Year 1	Year 2	Year 3	Year 4	Year 5
O&M expenses		**1458.68**	**1605.93**	**1784.21**	**1993.76**	**2230.20**	**2473.41**
Employee expenses		1216.72	1326.35	1448.60	1581.12	1727.99	1889.28
A&G expenes		51.28	55.90	61.05	66.64	72.83	79.62
R & M expenses		190.68	223.68	274.56	346.00	429.38	504.50
Expenses capitalized		408.93	357.96	213.58	137.64	151.32	164.59
Working Capital Requirement (1/12th of total O&M Expenses+ 1/12th of Expenses capitalized)		**155.63**	**163.66**	**166.48**	**177.62**	**198.46**	**219.83**

Form 1.3i - Other Expenses

Particulars	D-Link	Amount in Rs. Crore					
		Base Year	Year 1	Year 2	Year 3	Year 4	Year 5
Amortisation of true up gap for second control period							
Other expenses		19.27	19.85	20.44	21.06	21.69	22.34
TOTAL OTHER EXPENSES		**19.27**	**19.85**	**20.44**	**21.06**	**21.69**	**22.34**

Form 3.3 Distribution System Losses

This form Captures the Total Distribution System Losses as incurred due to losses in 33KV, 11KV and LT System

Please fill in the required details pertaining to each year

Particulars			D - Link	Base Year	Year 1	Year 2	Year 3	Year 4	Year 5
I. Losses in 33 KV System and Connected Equipment									
(i)	Total Energy delivered/required into 33 KV Distribution System from EHT SSs	A		15522.38	16263.85	17084.23	17915.37	18814.05	19740.53
(ii)	Energy delivered/required by all other Generating Stations at 33kV	B		0.00	0.00	0.00	0.00	0.00	0.00
(iii)	Energy consumed by HT consumers at 33KV (Sales + Third Party)	X		1650.95	1736.13	1826.97	1924.13	2038.18	2150.58
(iv)	Energy delivered/required into 11 KV and LT System from 33/11 KV SS	C		13387.13	14021.92	14727.65	15435.86	16194.51	16981.94
	Losses (33 kV System)	**(A + B) - (C + X)**		**484.30**	**505.81**	**529.61**	**555.38**	**581.35**	**608.01**
	% Losses (33 kV System)	**100 x [(A+B)-(C+X)] / (A+B)**		**3.12**	**3.11**	**3.10**	**3.10**	**3.09**	**3.08**
II. Losses in 11 KV System and Connected Equipment									
(i)	Energy delivered/required into 11 KV system from 33/11kV SSs	C		13387.13	14021.92	14727.65	15435.86	16194.51	16981.94
(ii)	Energy delivered/required into 11 KV Distribution System from EHT SSs	D		0.00	0.00	0.00	0.00	0.00	0.00
(iii)	Energy delivered/required at 11kV from all other Generating Stations	E		0.00	0.00	0.00	0.00	0.00	0.00
(iv)	Total Energy delivered/required into 11 KV and LT Distribution System	C+D+E		13387.13	14021.92	14727.65	15435.86	16194.51	16981.94
(v)	Energy consumed by HT consumers at 11KV (Sales + Third Party)	Y		1571.39	1653.41	1756.71	1853.89	1972.64	2089.03
(vi)	Total Output from 11kV to LT	F		11391.37	11925.42	12507.02	13095.74	13713.37	14361.37
	Losses (11kV System)	**(C + D + E) - (Y + F)**		**424.37**	**443.09**	**463.92**	**486.23**	**508.51**	**531.53**
	% Losses (11kV System)	**[(C+D+E)-(Y+F)] x 100 / (C+D+E)**		**3.17**	**3.16**	**3.15**	**3.15**	**3.14**	**3.13**
III. Losses in LT system and connected equipment									
(i)	Energy delivered/required to LT system from 11/400 V DTRs	F		11391.37	11925.42	12507.02	13095.74	13713.37	14361.37
(ii)	Energy sold to metered categories	Z		8816.33	9224.15	9672.49	10122.15	10593.85	11088.71
(iii)	Energy sold to un-metered categories	N		2149.00	2256.45	2369.27	2487.74	2612.12	2742.73
	Losses (LT System)	**F-(Z+N)**		**426.04**	**444.82**	**465.26**	**485.85**	**507.39**	**529.93**
	% Losses (LT System)	**[F-(Z+N)] x 100 / (F)**		**3.74**	**3.73**	**3.72**	**3.71**	**3.70**	**3.69**
IV. Total losses in the Distribution System									
(i)	Total Input to the distribution system	A + B + D + E		15522.38	16263.85	17084.23	17915.37	18814.05	19740.53
(ii)	Total Output from the Distribution Sytem	X + Y + Z + N		14187.67	14870.13	15625.44	16387.91	17216.79	18071.05
(iii)	EHT Sales	G		1058.45	1867.96	1902.59	5539.38	5583.34	5624.91
	Distribution System Losses	**(A + B + D + E)-(X + Y + Z + N)**		**1334.71**	**1393.72**	**1458.79**	**1527.46**	**1597.26**	**1669.48**
	% Distribution System Losses (Excluding EHT Sales)	**[(A+B+D+E)-(X+Y+Z+N)] x 100 / (A+B+D+E)**		**0.09**	**0.09**	**0.09**	**0.09**	**0.08**	**0.08**
	% Distribution System Losses (Including EHT Sales)	**[(A+B+D+E)-(X+Y+Z+N)] x 100 / (A+B+D+E +G)**		**0.08**	**0.08**	**0.08**	**0.07**	**0.07**	**0.07**

Form 7.0 - Consumer Contributions and Grants

Base Year

Particulars	D Link	Opening Balance at the beginning of the year	Additions during the year	Deductions during the year	Closing Balance at the End of the Year	Remarks
Consumer Contributions		1575.31	343.69	226.18	1692.82	
Grants		44.29	632.00	0.00	676.29	
Total		**1619.60**	**975.69**	**226.18**	**2369.11**	

Year 1

Particulars	D Link	Opening Balance at the beginning of the year	Additions during the year	Deductions during the year	Closing Balance at the End of the Year	Remarks
Consumer Contributions		1692.82	360.87	237.49	1816.20	
Grants		676.29	339.00	0.00	1015.29	
Total		**2369.11**	**699.87**	**237.49**	**2831.49**	

Year 2

Particulars	D Link	Opening Balance at the beginning of the year	Additions during the year	Deductions during the year	Closing Balance at the End of the Year	Remarks
Consumer Contributions		1816.20	378.92	249.36	1945.75	
Grants		1015.29	113.00	0.00	1128.29	
Total		**2831.49**	**491.92**	**249.36**	**3074.04**	

Year 3

Particulars	D Link	Opening Balance at the beginning of the year	Additions during the year	Deductions during the year	Closing Balance at the End of the Year	Remarks
Consumer Contributions		1945.75	397.86	261.83	2081.78	
Grants		1128.29	0.00	0.00	1128.29	
Total		**3074.04**	**397.86**	**261.83**	**3210.07**	

Year 4

Particulars	D Link	Opening Balance at the beginning of the year	Additions during the year	Deductions during the year	Closing Balance at the End of the Year	Remarks
Consumer Contributions		2081.78	417.76	274.92	2224.62	
Grants		1128.29	0.00	0.00	1128.29	
Total		**3210.07**	**417.76**	**274.92**	**3352.91**	

Year 5

Particulars	D Link	Opening Balance at the beginning of the year	Additions during the year	Deductions during the year	Closing Balance at the End of the Year	Remarks
Consumer Contributions		2224.62	438.64	288.67	2374.59	
Grants		1128.29	0.00	0.00	1128.29	
Total		**3352.91**	**438.64**	**288.67**	**3502.88**	

Form 8 - Revenue Surplus / (deficit) at current tariffs

Items of Non - Tariff Income (Rs. Crs.)	Detail Links	Base Year	Year 1	Year 2	Year 3	Year 4	Year 5
Aggregate Revenue Requirement (Rs. Crs.)		3912.90	4397.84	5102.72	6178.95	7613.71	9076.21
Wheeling revenue from current tariffs (Rs. Cr)*		3485.52	3932.77	4596.35	5627.29	7012.40	8420.45
Non Tariff Income (Rs. Cr)		427.38	465.07	506.38	551.66	601.31	655.76
Revenue Surplus / (deficit) at current tariffs (Rs Cr)		**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

* Wheeling revenue = Revenue from wheeling from third party+Revenue from wheeling revenue from retail supply business

Form 9 - Revenue Surplus / (deficit) at Proposed tariffs

Items of Non - Tariff Income (Rs. Crs.)	Detail Links	Base Year	Year 1	Year 2	Year 3	Year 4	Year 5
Aggregate Revenue Requirement (Rs. Crs.)		2184.35	2422.27	2819.34	3553.10	4492.50	5271.24
Wheeling revenue from proposed tariffs (Rs. Cr)*		1936.10	2161.32	2544.61	3262.68	4184.86	4946.42
Non Tariff Income (Rs. Cr)		248.26	260.95	274.74	290.42	307.64	324.82
Revenue Surplus / (deficit) at proposed tariffs (Rs Cr)		**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

* Wheeling revenue = Revenue from wheeling from third party+Revenue from wheeling revenue from retail supply business

Form 10 - Non Tariff Income

This form captures the Total Non-tariff income during a particular year

Please fill in the required details pertaining to each year

Particulars	D-Link	Amount in Rs. Crore					
		Base Year	Year 1	Year 2	Year 3	Year 4	Year 5
i) Staff Loans & Advances		0.16	0.17	0.17	0.18	0.19	0.19
ii) Fines & Penalties from Suppliers & Contractors		6.14	6.33	6.52	6.71	6.91	7.12
iii) Profit on Sale of Scrap		0.05	0.05	0.05	0.05	0.05	0.06
iv) Sale of Tender Schedules		0.09	0.10	0.10	0.10	0.10	0.11
v) Rental from Contractors		3.07	3.16	3.25	3.35	3.45	3.56
vi) Supervision Charges		1.05	1.08	1.11	1.15	1.18	1.22
vii) Miscellaneous Income		6.15	6.33	6.52	6.72	6.92	7.13
viii) Withdrawal from Consumer Contribution towards Depreciation on Fixed Assets		226.18	237.49	249.36	261.83	274.92	288.67
TOTAL Non Tariff Income		**242.89**	**254.70**	**267.09**	**280.09**	**293.73**	**308.04**