ఆంధ్ర ప్రదేశ్ తూర్పు ప్రాంత విద్యుత్ పంపిణీ సంస్థ
Eastern Power Distribution Company Of Andhra Pradesh Limited
(A Govt. Of A.P.Enterprise & An ISO 9001:2015 & ISO 27001:2013 Certified Company) CIN:U40109AP2000SGC034117

From

The Chief General Manager,
RA & PP,
APEPDCL, Corporate Office,
Seethammadhara,
Visakhapatnam-13.

To

The Secretary, APERC,
11-4-660, 4th Floor,
Singareni Bhavan, Red Hills
Lakdikapul, Hyderabad-04.

Lr.No.CGM/RA & PP/APEPDCL/VSP/RAC/D.No. 135 /2023. dt. 30 -11-2023

Sir,

Sub : APEPDCL, VSP – Filing of ARR for Distribution business for the fifth control period (FYs:2024-25 to 2028-29) of APEPDCL Submitted for approval of Hon'ble Commission – Regarding.

***

In Compliance to the Regulation 4 of 2005 issued by the Hon'ble APERC, the licensee is here with submitting the Aggregate Revenue Requirement for determination of the ARR for Distribution business for fifth control period (FYs:2024-25 to 2028-29) of APEPDCL.

The licensee humbly prays the Hon'ble Commission for kind consideration of the submissions please.

Encl:(6)sets of filing booklets

Yours faithfully,

Chief General Manager
RA & PP ::APEPDCL
VISAKHAPATNAM

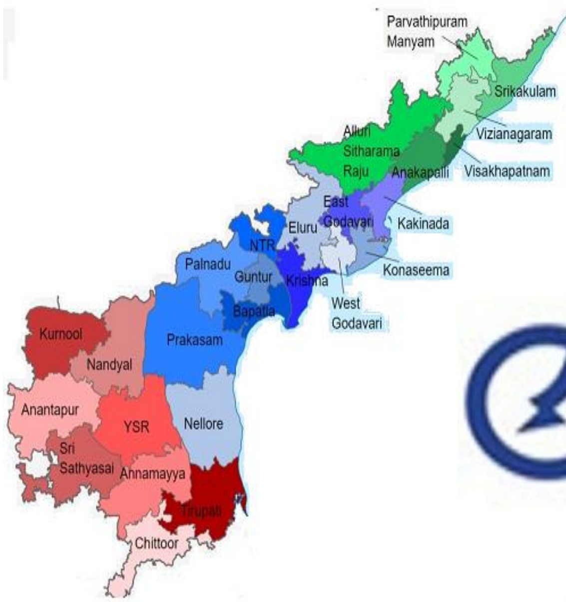
Andhra Pradesh Electricity Regulatory Commission * Hyderabad *
30 NOV 2023

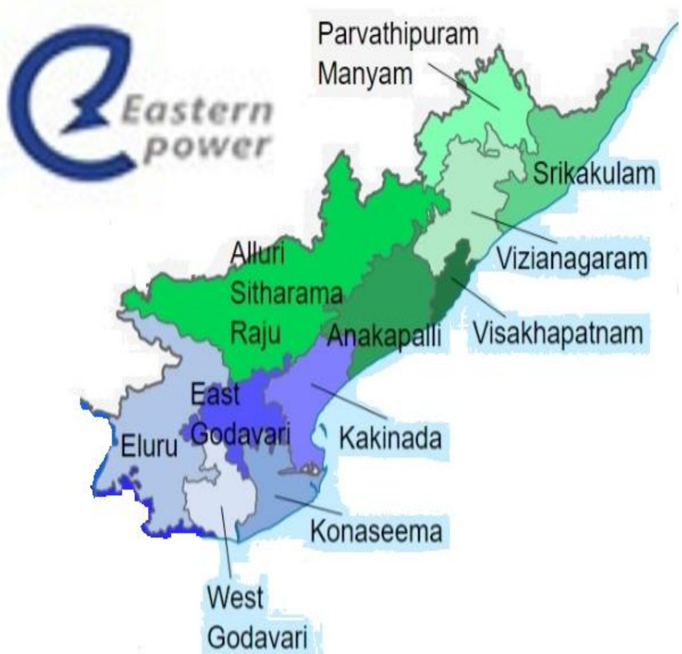
(Submitted to Hon'ble Commission on 30-11-23 at Guntur)

ఆంధ్ర ప్రదేశ్ తూర్పు ప్రాంత విద్యుత్ పంపిణీ సంస్థ

Eastern Power Distribution Company Of Andhra Pradesh Limited

(A Govt. Of A.P.Enterprise & An ISO 9001:2015 & ISO 27001:2013 Certified Company) CIN:U40109AP2000SGC034117





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

November'2023

BEFORE THE HONOURABLE ANDHRA PRADESH ELECTRICITY REGULATORY COMMISSION

AT ITS OFFICE AT 5th Floor, Singareni Bhavan, Red Hills, Hyderabad - 500 004

FILING NO.______/2023

CASE NO. _______/2023

<u>In the matter of:</u>

Filing of the ARR & Tariff applications for the Distribution business for the Control Period FY 2025-2029 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, 2005" by the Eastern Power Distribution Company of Andhra Pradesh Limited ('APEPDCL' or 'the Company' or 'the Licensee') as the Distribution Supply Licensee

<u>In the matter of:</u>

EASTERN POWER DISTRIBUTION COMPANY OF ANDHRA PRADESH LIMITED

… Applicant

The Applicant respectfully submits as under: -

1 This filing is made by the **EASTERN POWER DISTRIBUTION COMPANY OF ANDHRA PRADESH LIMITED (APEPDCL)** 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.

2 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.

3 Licensee had submitted resource plan with Hon'ble Commission as per the Regulation 4 of 2005 dated 1st May, 2023. Resource plan consists detailed projection of capital expenditure, sales forecast, load forecast, availability projection and voltage wise losses as per resource plan guidelines.

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 25 to FY29):

- 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 fifth Control Period (FY 2024-25 to FY 2028-29), including
  (a) Sales forecast, load forecast and Investment Plan (abstract as per the resource 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 fifth Control Period was filed before the Hon'ble Commission on dated 1st May, 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 in MUs for the EPDCL for the 5th control period is tabulated below :

Category	FY 2022-23 (Actual)	2023-24	2024-25	2025-26	2026-27	2027-28	2028-29	CAGR
LT Category								
LT Cat-I - Domestic	6,776.07	7,107.00	7,687.05	8,301.10	8,785.50	9,298.27	9,841.08	6.42%
LT Cat-II : Commercial & Others	1,269.87	1,359.26	1,437.21	1,519.88	1,603.53	1,691.73	1,785.12	5.84%
LT Cat-III : Industry	452.73	479.43	495.91	513.26	531.54	550.81	571.11	3.95%
LT Cat-IV : Institutional	431.64	446.16	474.79	505.44	538.28	573.47	611.20	5.97%
LT Cat-V : Agricultural & Related	3932.03	4,632.53	4,989.50	5,377.83	5,800.55	6,260.99	6,762.83	8.33%
LT Total	**12862.34**	**14,024.37**	**15,084.45**	**16,217.53**	**17,259.41**	**18,375.28**	**19,571.34**	**6.90%**
HT Category								
HT Cat-I: Domestic	32.05	33.53	34.33	35.15	35.99	36.87	37.78	2.78%
HT Cat-II: Commercial	885.92	1,008.68	1,078.97	1,155.29	1,238.30	1,328.77	1,427.55	8.28%
HT Cat-III: Industrial	10,424.39	10,640.37	11,344.84	12,108.21	12,936.26	13,835.46	14,813.06	6.03%
HT Cat-IV : Institutional	1,055.98	1,169.43	1,258.71	1,357.46	1,466.98	1,588.74	1,739.86	8.66%
HT Cat-V : Agricultural & Related	83.53	116.11	148.33	155.80	163.82	172.44	181.71	13.83%
HT Total	**12,481.87**	**12,968.12**	**13,865.18**	**14,811.90**	**15,841.35**	**16,962.28**	**18,199.97**	**6.49%**
LT+HT Total	**25,344.21**	**26,992.49**	**28,949.63**	**31,029.43**	**33,100.76**	**35,337.56**	**37,771.31**	**6.70%**

By considering into account of the actual sales for H1 2023-24 and considering the impact of climatic changes, the revised category-wise sales projections for 2023-24 (RE) and the projected sales for 2024-25 are shown below as per RST filings for FY 2024-25:

Revised Sales projections in MUs for FY24 & FY25 :

Category	2023-24 (RE)	2024-25
LT Category		
LT Cat-I - Domestic (Telescopic)	7,261.91	7,741.84
LT Cat-II : Commercial & Others	1,382.68	1,501.26
LT Cat-III : Industry	474.80	494.59027
LT Cat-IV : Institutional	482.62	508.3171
LT Cat-V : Agricultural & Related	4,454.29	4767.5519
LT Total	**14,056.29**	**15,013.56**
HT Category		
HT Cat-I: Domestic	34.05	34.87
HT Cat-II: Commercial	1,022.32	1035.69
HT Cat-III: Industrial	11,322.00	12255.29
HT Cat-IV : Institutional	1,111.97	1167.64
HT Cat-V : Agricultural & Related	317.70	347.01
HT Total	**13,808.03**	**14,840.50**
LT+HT Total	**27,864.33**	**29,854.06**

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 actual losses for the period FY 2018-19 to FY 2022-23 when compared with APERC target is summarized below.

Voltage Level	FY 2018-19		FY 2019-20		FY 2020-21		FY 2021-22		FY 2022-23	
	Approved	Actual	Approved	Actual	Approved	Actual	Approved	Actual	Approved	Actual
LT	4.16%	3.34%	4.01%	3.24%	3.99%	3.12%	3.97%	3.36%	3.95%	3.74%
11 KV	3.33%	3.60%	3.20%	3.26%	3.15%	3.25%	3.10%	3.45%	3.05%	3.19%
33 KV	2.82%	3.36%	2.79%	3.36%	2.78%	3.36%	2.77%	3.45%	2.76%	3.06%

Based on the historical performance and the loss reduction measures carried out in the state, the licensee projects the loss for the period FY 2024-25 to FY 2028-29 as below.

APEPDCL	FY 2024-25	FY 2025-26	FY 2026-27	FY 2027-28	FY 2028-29
Annual LT Loss %	3.42%	3.41%	3.40%	3.40%	3.39%
Annual 11 kV Loss %	3.39%	3.38%	3.37%	3.36%	3.35%
Annual 33 kV Loss %	3.34%	3.33%	3.32%	3.31%	3.30%

2. Distribution Plan (Capital Investment Plan)

The licensee has prepared a detailed capital investment plan for the Control Period based on a comprehensive analysis of state of 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. The table below provides the projected Capital Expenditure of APEPDCL from FY 2023-24 to FY 2028-29.

Particulars	FY24	FY25	FY26	FY27	FY28	FY29
Capital Expenditure Projected (Rs. Crore)	**4,037.76**	**4,312.12**	**4,461.08**	**2,492.62**	**2,664.78**	**2,938.72**

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

a & 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.

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

In the 3rd & 4th Control Period Hon'ble APERC has approved Repairs & Maintenance (R&M) cost as 2.05% of the opening balance of Gross Fixed Assets (GFA) pertaining to the year of consideration. The distribution licensee considered the same for the 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	FY25	FY26	FY27	FY28	FY29
Employee Cost (Net)	Rs. Crs	2,136	2,431	2,765	3,120	3,512	3,953
A&G Cost (Net)	Rs. Crs	133	151	172	194	219	246
R&M Cost	Rs. Crs	220	253	311	443	572	636
Total O&M Expenses	**Rs. Crs**	2,489	2,835	3,248	3,757	4,303	4,836

- 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	FY25	FY26	FY27	FY28	FY29
Return on Capital Employed (Rs. Crs.)	304	396	772	1,441	1,786	1,909
Regulatory Rate Base (Rs. Crs.)	2,947	3,848	7,288	12,190	15,032	15,994
Additions to GFA (Rs. Crs.)	1,623	2,835	6,412	6,320	3,108	3,234
Additions to Consumer Contribution (Rs. Crs.)	1,021	631	674	754	842	940
Working Capital (Rs. Crs.)	234	267	308	366	427	479
WACC	10.31%	10.29%	10.60%	11.82%	11.88%	11.93%
Cost of Debt %	9.08%	9.05%	9.46%	11.10%	11.17%	11.24%
Return on Equity %	14.00%	14.00%	14.00%	14.00%	14.00%	14.00%

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

Particulars	FY24	FY25	FY26	FY27	FY28	FY29
Ongoing Loans (Opening balance) (Rs. Crs.)	1532	1560	1478	1400	1321	1244
Debt rate of Ongoing Loans	7.49%	7.44%	7.27%	7.09%	6.89%	6.68%
New Loans (Opening balance) (Rs. Crs.)	0	2,640	6,054	9,564	10,754	11,678
Debt rate of New Loans	10.0%	10.00%	10.00%	11.7%	11.7%	11.7%
Weighted Average of Debt rate	9.08%	9.05%	9.46%	11.10%	11.17%	11.24%

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 CERC notified rates 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%
Plant & Machinery	5.28%
Lines, Cables & Network	5.28%
Meters and Metering Equipments	5.28%
Vehicles	9.50%
Furniture & Fixtures	6.33%
Office Equipments	6.33%
Computers and IT Equipments	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	10,724	12,347	15,183	21,595	27,915	31,022
Asset Additions during the Year	1,623	2,835	6,412	6,320	3,108	3,234
Fully Depreciated assets during the year	2734.76	155.57	142.82	202.81	325.29	351.28
Depreciation During the Year	568	503	643	974	1,296	1,443

6. Aggregate Revenue Requirement (ARR) for each year of the fifth 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 expenses	2489	2835	3248	3757	4303	4836
Depreciation	568	503	643	974	1,296	1,443
Advance Against Depreciation	0	0	0	0	0	0
Taxes on Income	26	34	64	107	132	140
Other Expenditure	5	5	5	5	6	6
Special Appropriations	0	0	0	0	0	0
Total Expenditure	3087	3377	3960	4843	5736	6424
Less: IDC and expenses capitalized*	32	136	318	413	236	109
Less: O&M expenses capitalized	444	474	491	274	293	323
Net Expenditure	2,611	2,767	3,151	4,156	5,207	5,992
Add Return on Capital Employed	304	396	772	1441	1786	1909
Total Distribution ARR	2,915	3,163	3,923	5,597	6,993	7,901
Less: Wheeling Revenue from Third Party/Open Access/NTI (if any)	291	300	310	321	331	343
Revenue Requirement, (Net transferred to Retail Supply Business)	**2,625**	**2,863**	**3,613**	**5,277**	**6,662**	**7,558**

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	2024-25	2025-26	2026-27	2027-28	2028-29
LT	3.42%	3.41%	3.40%	3.40%	3.39%
11 kV	3.39%	3.38%	3.37%	3.36%	3.35%
33 kV	3.34%	3.33%	3.32%	3.31%	3.30%

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)	64.26	88.99	151.20	203.54	222.33
11 kV (Rs./kVA/Month)	671.48	792.75	1,070.82	1,267.28	1,352.28
LT (Rs./kVA/Month)	855.80	1,007.51	1,375.28	1,618.62	1,713.85

Wheeling Charges for Short Term OA Agreements:

Voltage Level	FY25	FY26	FY27	FY28	FY29
33 kV (Rs./Unit)	0.09	0.12	0.21	0.28	0.31
11 kV (Rs./Unit)	0.93	1.10	1.49	1.76	1.88
LT (Rs./Unit)	1.19	1.40	1.91	2.25	2.38

- 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 service 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 requests that this Hon'ble Commission may be pleased to:

- Take the accompanying ARR and Wheeling Tariff application of APEPDCL on record for Distribution Business and treat it as complete;
- Grant suitable opportunity to APEPDCL within a reasonable time frame to file additional material information that may be subsequently available;
- Consider and approve APEPDCL's ARR and Tariff application including all requested regulatory treatments in the filing;
- Pass such order as the Hon'ble Commission may deem fit and proper in the facts and circumstances of the case.

EASTERN POWER DISTRIBUTION COMPANY OF ANDHRA PRADESH LIMITED

(APPLICANT)

Through

Chief General Manager
RA&PP ::APEPDCL

Place: Visakhapatnam
Dated: 30-11-2023.

BEFORE THE HONOURABLE ANDHRA PRADESH ELECTRICITY REGULATORY COMMISSION

AT ITS OFFICE AT 5th FLOOR, SINGARENI BHAVAN, RED HILLS, HYDERABAD 500 004

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, 2005" by the Eastern Power Distribution Company of Andhra Pradesh Limited ('APEPDCL' or 'the Company' or 'the Licensee') as the Distribution and Retail Supply Licensee.

In the matter of:

EASTERN POWER DISTRIBUTION COMPANY OF ANDHRA PRADESH 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.Suman Kalyani, D/o of Sri D.V. Prasada Rao, aged about 52 years working for gain at the Eastern Power Distribution Company of Andhra Pradesh Limited do solemnly affirm and say as follows:

1 I am the Chief General Manager / RA&PP of APEPDCL, the Licensee that has, vide the Hon'ble Commission's approval in proceedings No. APERC/Secy/Engg/No.6 dt.31.3.2000, been granted the distribution and retail supply functions that APTransco was authorised to conduct or carry out under the Act and the license, with respect to the business of distribution and retail supply of electricity in the Eastern distribution zone in Andhra Pradesh. On December 27, 2000, the Hon'ble Commission has awarded a Distribution and Retail Supply License to APEPDCL, to be effective from April 1, 2001. I am competent and duly authorised by APEPDCL 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 APEPDCL to submit the application, as per Terms and Conditions of Tariff for Wheeling and Retail Sale of Electricity (Regulation 4 of 2005) of APEPDCL for the Control Period FY 2024-25 to FY 2028-29 to your Honourable Commission.

3 I submit that I have read and understood the contents of the appended application of APEPDCL. 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 APEPDCL on record and treat it as complete;
(b) Grant suitable opportunity to APEPDCL within a reasonable time frame to file additional material information that may be subsequently available;
(c) Consider and approve APEPDCL'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
RA & PP::APEPDCL
Visakhapatnam

VERIFICATION:

I, the above named Deponent solemnly affirm at Visakhapatnam 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
RA & PP::APEPDCL
Visakhapatnam

Solemnly affirmed and signed before me.

K.S.V.S. Sastry
COMPANY SECRETARY
Eastern Power Distribution
Company of Andhra Pradesh Limited
Visakhapatnam

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List of Tables

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 business shall be for the entire Control Period*"

..

..

..

"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"

With reference to 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% 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)	552	3,442	5,529	4,387	1,246	1,332
Capital Expenditure during the year	4,038	4,312	4,461	2,493	2,665	2,939
Expenses Capitalized	444	474	491	274	293	323
Interest During Construction	32	136	318	413	236	109
Total expenses capitalized	476	610	809	687	529	432
Transfer to fixed assets	1,623	2,835	6,412	6,320	3,108	3,234
Closing CWIP	**3,442**	**5,529**	**4,387**	**1,246**	**1,332**	**1,469**

1.2 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 Opening Assets and additions during the year in each asset class.

During FY2022-23, **Rs. 373 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	9,631
Asset Additions during the Year	1,106
Depreciation During the Year	373

The Depreciation rates as per CERC notified rates 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%
Plant & Machinery	5.28 %
Lines, Cables & Network	5.28 %
Meters and Metering Equipments	5.28 %
Vehicles	9.50 %
Furniture & Fixtures	6.33%
Office Equipments	6.33 %
Computers and IT Equipments	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	10,724	12,347	15,183	21,595	27,915	31,022
Asset Additions during the Year	1,623	2,835	6,412	6,320	3,108	3,234
Fully Depreciated assets during the year	2734.76	155.57	142.82	202.81	325.29	351.28
Depreciation During the Year	568	503	643	974	1,296	1,443

1.3 Consumer Contribution & Grants

The consumer contribution additions and Grants has been 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. Crs.)	FY24	FY25	FY26	FY27	FY28	FY29
Opening Balance	2,561	3,086	3,677	4,341	5,087	5,923
Additions during the year	726	799	879	967	1063	1170
Deductions during the year	202	208	214	221	227	234
Closing Balance	**3086**	**3677**	**4341**	**5087**	**5923**	**6859**

Below table provides the projections of the Grants in 5th Control period estimated as per Investment Plan.

Table 6: Grants Details

Particulars (Rs. Crs.)	FY24	FY25	FY26	FY27	FY28	FY29
Opening Balance	581	1,078	1,117	1,127	1,135	1,141
Additions during the year	555	100	72	72	72	72
Deductions during the year	58	60	62	64	66	68
Closing Balance	**1078**	**1117**	**1127**	**1135**	**1141**	**1145**

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 (Rs. Crs.):

Particulars	FY24 (RE)	FY25	FY26	FY27	FY28	FY29
Working Capital	234	267	308	366	427	479

1.5 Regulated Rate Base (RRB)

The Hon'ble Commission has 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:

$\Delta RAB = (Inv - D - CC)/2$

- 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 5thControl period i.e., from 2024-25 to 2028-29 are as follows:

Table 8: Regulated Rate Base Details in (Rs. Crs.):

Particulars	FY24 (RE)	FY25	FY26	FY27	FY28	FY29
Assets	**12,347**	**15,183**	**21,595**	**27,915**	**31,022**	**34,256**
-OCFA Opening Balance	10,724	12,347	15,183	21,595	27,915	31,022
-Additions to OCFA	1,623	2,835	6,412	6,320	3,108	3,234
Acc. Depreciation Closing Balance	**5,454**	**5,957**	**6,599**	**7,573**	**8,869**	**10,311**
-Acc. Depreciation Opening Balance	4,886	5,454	5,957	6,599	7,573	8,869
-Depreciation for the year	568	503	643	974	1,296	1,443
Con. Contributions& Grants closing balance	**4,163**	**4,794**	**5,468**	**6,222**	**7,064**	**8,004**
-Con. Contributions & Grants Opening Balance	3,142	4,163	4,794	5,468	6,222	7,064
-Additions to Con. Contributions &Grants	1,021	631	674	754	842	940
Working Capital	234	267	308	366	427	479
Change in Rate Base	**17**	**851**	**2,548**	**2,296**	**485**	**426**
Regulated Rate Base	**2,947**	**3,848**	**7,288**	**12,190**	**15,032**	**15,994**

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 and SS maintenance, repairs, fault corrections, etc.

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

a&b Employee expenses (EE) and Administrative and General (A&G) expenses As per MYT order for 3rd & 4th 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 (net of capitalisation) 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 (net of capitalisation), A&G expenses (net of capitalisation)and Number of Substations (SS), line length (Circuit KM), Number of consumers and Number of DTRs.

Table 9 - Employee and A&G expenses for 4th Control period :

Parameter	Unit	FY19	FY20	FY21	FY22	FY23
Employee Expenses (EE) – net of capitalization	**Rs. Crs.**	1430.36	1285.69	2964.06	1260.05	796.50
A&G Expenses – net of capitalization	**Rs. Crs.**	94.78	85.09	90.32	104.49	110.76
No. of Consumers	Nos.	5,965,563	6,149,442	6,337,441	6,760,391	6,941,217
Number of DTRs	Nos.	200241	232965	260889	275758	297815
Line Lengths	Kms	135,718	145,384	148,401	156,175	163,505
Number of SS	Nos.	850	886	916	934	938

Below table shows the historical norms for the ratios:

Table 10 - Norms for Employee and A&G expenses

Parameter	Unit	FY19	FY20	FY21	FY22	FY23
EE / Consumers	Rs./Nos	480	418	935	373	229
EE / DTR	Rs./Nos	7143	5519	11361	4569	2674
EE / Line	Rs./Kms	22132	18571	41944	16943	10230
EE /SS	Rs./Nos.	8245605	7110473	15855794	6610541	4160810
A&G Exp/ Consumers	Rs./Nos.	32	28	29	31	32
A&G Exp/DTR	Rs./Nos.	473	365	346	379	372
A&G Exp/line	Rs./Kms	1467	1229	1278	1405	1423
A&G Exp/SS	Rs./Nos.	546379	470588	483153	548181	578591

(2) To arrive at the average of these ratios, the Licensee has considered the data from FY 2018-19 onwards. Average of these ratios for the 5 years between FY2018-19 and FY2022-23 has been considered as the norms for FY2020-21.

(3) These norms for FY2020-21 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 FY18 to FY22.**

Table 11: CPI, WPI data for FY2017-18 to FY2021-22

Particulars	FY 18	FY 19	FY 20	FY 21	FY 22
WPI	118.90	121.20	121.80	135.00	151.30
CPI	294.83	317.42	335.06	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 12 - Calculation for Inflation Rate

Year	WPI	CPI	Composite number	Rt= Yt/Y1	Ln (Rt)	Year - 1	Product
FY18	118.9	294.83	189.27				
FY19	121.20	317.42	199.69	1.06	0.05	1	0.05
FY20	121.80	335.06	207.10	1.09	0.09	2	0.18
FY21	135.00	351.43	221.57	1.17	0.16	3	0.47

Year	WPI	CPI	Composite number	Rt= Yt/Y1	Ln (Rt)	Year - 1	Product
FY22	151.30	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			0.06				
g= exp (D)-1			0.06				
Escalation rate= g*100			**5.66**				

The inflation factor is observed to be 5.66% during 4th Control period. However, for projections of the expenses, licensee has considered 95% of this escalation rate which is 5.37%.

Below are the projected norms for FY2020-21 onwards.

Table 13- Projected norms for Employee and A&G expenses (FY21 to FY23)

Parameter	Unit	FY21	FY22	FY23
EE / Consumers	Rs/Nos	487	513	541
EE / DTR	Rs/Nos	6253	6589	6943
EE / Line	Rs/Kms	21964	23144	24386
EE /SS	Rs/Nos	8396644	8847544	9322657
A&G Exp/Consumers	Rs/Nos	30	32	33
A&G Exp/DTR	Rs/Nos	387	408	430
A&G Exp/line	Rs/Kms	1360.26	1433.31	1510.28
A&G Exp/SS	Rs/Nos	525378	553591	583319

Table 14 - - Projected norms for Employee and A&G expenses (FY24 to FY29)

Parameter	Unit	FY24	FY25	FY26	FY27	FY28	FY29
EE / Consumers	Rs/Nos	570	600	633	667	702	740
EE / DTR	Rs/Nos	7316	7709	8123	8559	9019	9503
EE / Line	Rs/Kms	25696	27076	28530	30062	31676	33377
EE /SS	Rs/Nos	9823284	10350794	10906632	11492318	12109456	12759733
A&G Exp/Consumers	Rs/Nos	35	37	39	41	43	46
A&G Exp/DTR	Rs/Nos	453	477	503	530	558	588
A&G Exp/line	Rs/Kms	1591	1677	1767	1862	1962	2067
A&G Exp/SS	Rs/Nos	614643	647649	682428	719075	757689	798377

(4) 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 15 - Projections for Employee and A&G expenses :

Parameter	Unit	FY24 (RE)	FY25	FY26	FY27	FY28	FY29
No. of Consumers	Nos.	7,215,118	7,701,451	8,205,196	8,500,146	8,807,146	9,126,760
Number of DTRs	Nos.	307,495	316,715	326,615	336,685	347,045	358,105
Line Lengths	Kms	169,630	175,377	181,516	187,816	194,266	201,151
Number of SS	Nos.	1,083	1,207	1,341	1,480	1,623	1,776
Employee Expenses	Rs. Cr.	2,136	2,431	2,765	3,120	3,512	3,953
A&G Expenses	Rs. Cr.	132.94	151.32	172.15	194.31	218.76	246.26

c. Repair and Maintenance (R&M) Expenses –In the 3rd &4th Control Period Hon'ble APERC has approved Repairs & Maintenance (R&M) cost as 2.05% of the opening balance of Gross Fixed Assets (GFA) pertaining to the year of consideration. The distribution licensee cindered the same for the 5th control period.

Below table shows the projections summary of the R&M expenses:

Table 16 - R&M expenses projections for 5th Control period

Name of the Parameter	FY24	FY25	FY26	FY27	FY28	FY29
Average R&M as % of Opening GFA	2.05%	2.05%	2.05%	2.05%	2.05%	2.05%
Opening GFA (Rs. Crs.)	10,724	12,347	15,183	21,595	27,915	31,022
R&M expenses (Rs. Crs.)	**220**	**253**	**311**	**443**	**572**	**636**

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	FY25	FY26	FY27	FY28	FY29
Employee Cost	Rs. Crs	2,136	2,431	2,765	3,120	3,512	3,953
A&G Cost	Rs. Crs	133	151	172	194	219	246
R&M Cost	Rs. Crs	220	253	311	443	572	636
Total O&M Expenses	**Rs. Crs**	**2,489**	**2,835**	**3,248**	**3,757**	**4,303**	**4,836**

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.
- 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.

Table 18 - Calculation of Debt Rate

Particulars	FY24	FY25	FY26	FY27	FY28	FY29
Ongoing Loans (Opening balance) (Rs. Crs.)	1532.26	1560.28	1478.49	1399.87	1321.46	1243.96
Debt rate of Ongoing Loans	7.49%	7.44%	7.27%	7.09%	6.89%	6.68%
New Loans (Opening balance) (Rs. Crs.)	0.00	2640.31	6053.65	9564.07	10754.19	11678.47
Debt rate of New Loans	10.00%	10.00%	10.00%	11.69%	11.70%	11.73%
Weighted Average of Debt rate	9.08%	9.05%	9.46%	11.10%	11.17%	11.24%

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

Table 19: Projected WACC

Particulars	FY24	FY25	FY26	FY27	FY28	FY29
Capital Structure						
Debt Percent	75.00%	75.00%	75.00%	75.00%	75.00%	75.00%
Equity percent	25.00%	25.00%	25.00%	25.00%	25.00%	25.00%
Cost of Funds						
Cost of Debt percent	9.08%	9.05%	9.46%	11.10%	11.17%	11.24%
Return on Equity percent	14.00%	14.00%	14.00%	14.00%	14.00%	14.00%
WACC	**10.31%**	**10.29%**	**10.60%**	**11.82%**	**11.88%**	**11.93%**

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 20: Projected ROCE (Rs. Cr.)

Particulars	FY24 (RE)	FY25	FY26	FY27	FY28	FY29
Regulated Rate Base	2,947	3,848	7,288	12,190	15,032	15,994
WACC	10.31%	10.29%	10.60%	11.82%	11.88%	11.93%
Return on Capital Employed	**304**	**396**	**772**	**1,441**	**1,786**	**1,909**

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 20% tax (Minimum Alternate Tax) on Return on Equity during the current fiscal and during ensuing control period. The details are as follows:

Table 21: Projected Taxes on Income (Rs. Crs.)

	FY24 (RE)	FY25	FY26	FY27	FY28	FY29
RRB	2,947	3,848	7,288	12,190	15,032	15,994
25% of Regulatory Rate Base	737	962	1822	3047	3758	3999
ROE %	14.00%	14.00%	14.00%	14.00%	14.00%	14.00%
Expected return on Equity portion of RRB @ 14% on 25% of RRB	103	135	255	427	526	560
Tax on Income @ 20%	**26**	**34**	**64**	**107**	**132**	**140**

1.12 Other Expenses

Other expenses include miscellaneous losses, write offs etc. The Licensee expects the other expenses to increase marginally by 3% every year. Below table shows the components of other expenses.

Table 22: Other Expenses Details

Particulars	FY24 (RE)	FY25	FY26	FY27	FY28	FY29
Other Expenses	5.15	5.30	5.46	5.63	5.80	5.15

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 5th control period.

Table 23 - Projections of Non-tariff income (Rs. Crs.)

Particulars for 33 kV OA Consumers	FY23 Actual	FY24	FY25	FY26	FY27	FY28	FY29
Staff Loans & Advances	9	2.80	2.88	2.97	3.06	3.15	3.25
Fines & Penalties from Suppliers & Contractors		6.44	6.63	6.83	7.04	7.25	7.47
Profit on Sale of Scrap	13	6.44	6.63	6.83	7.04	7.25	7.47
Sale of Tender Schedules			0.00	0.00	0.00	0.00	0.00
Rental from Contractors			0.00	0.00	0.00	0.00	0.00
Supervision Charges			0.00	0.00	0.00	0.00	0.00
Miscellaneous Income	31	0.98	1.01	1.04	1.07	1.10	1.14
Withdrawal from Consumer Contribution towards Depreciation on Fixed Assets	257	260.00	267.80	275.83	284.11	292.63	301.41

Particulars for 33 kV OA Consumers	FY23 Actual	FY24	FY25	FY26	FY27	FY28	FY29
ix) interest from banks & Investments	0.04	2	2.10	2.16	2.23	2.30	2.36
Other income			0.00	0.00	0.00	0.00	0.00
Electricity Duty recovery							
Total (Rs. Crs.)	**309.39**	**279**	**287**	**296**	**305**	**314**	**323**

1.14 Revenue Requirement

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

Table 24: Projected Revenue Requirement for 5th Control Period (Rs. Crs.) :

Particulars	FY24 (RE)	FY25	FY26	FY27	FY28	FY29
O&M Charges	2489	2835	3248	3757	4303	4836
Depreciation	568	503	643	974	1,296	1,443
Advance Against Depreciation	0	0	0	0	0	0
Taxes on Income	26	34	64	107	132	140
Other Expenditure	5	5	5	5	6	6
Special Appropriations	0	0	0	0	0	0
Total Expenditure	3087	3377	3960	4843	5736	6424
Less: IDC and expenses capitalized*	32	136	318	413	236	109
Less: O&M expenses capitalized	444	474	491	274	293	323
Net Expenditure	2,611	2,767	3,151	4,156	5,207	5,992
Add Return on Capital Employed	304	396	772	1441	1786	1909
Total Distribution ARR	2,915	3,163	3,923	5,597	6,993	7,901
Less: Non-Tariff Income (NTI), Wheeling Revenue from Third Party/Open Access (if any)	291	300	310	321	331	343
Revenue Requirement, (Net transferred to Retail Supply Business)	**2,625**	**2,863**	**3,613**	**5,277**	**6,662**	**7,558**

2 Wheeling Charges and Losses

The licensee has determined voltage wise wheeling charges and losses to recover ARR and distribution network losses. As per the Regulation, the licensee has determined the ARR for the distribution business and that forms the basis for determination of wheeling charges.

2.1 Determination of voltage wise demand

The Distribution Licensee has captured the historical Contracted Demand of 33 kV and 11 kV with diversity factor 60% 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 diversity factor in LT loads is taken as 15 % .

Below are the Contracted Demand of 33 kV and 11 kV and Coincident demand of LT for each year of the 5th Control Period.

Table 25 – Contracted demand and Coincident demand

Parameter	Voltage Level	FY19	FY20	FY21	FY22	FY23
Contracted Load – CD_{33}	33 kV	369	397	404	438	467
Contracted Load – CD_{11}	11 kV	528	573	589	615	648
Coincident Demand – CID_{LT}	LT	1,175	1,333	1,410	1,581	1,730

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 Period as shown in the below table.

Table 26: Voltage-wise Demand

Parameter	Voltage Level	FY25	FY26	FY27	FY28	FY29
Contracted Load – CD_{33}	33 kV	495	518	543	570	598
Contracted Load – CD_{11}	11 kV	699	731	765	801	840
Coincident Demand – CID_{LT}	LT	2,202	2,368	2,542	2,731	2,935

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 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.

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

Table 27 - Loss Trajectory for licensee

Voltage Level	2024-25	2025-26	2026-27	2027-28	2028-29
LT	3.42%	3.41%	3.40%	3.40%	3.39%
11 kV	3.39%	3.38%	3.37%	3.36%	3.35%
33 kV	3.34%	3.33%	3.32%	3.31%	3.30%

The losses has been considered as per the Resource Plan filed with APERC for the 5th and 6th Control Periods.

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

Table 28: Voltage-wise Load after loss adjustment

	FY25	FY26	FY27	FY28	FY29
Load at 33 kV from all voltages	**3,702**	**3,942**	**4,197**	**4,472**	**4,768**
Load at 11 kV from all voltages	**3,083**	**3,293**	**3,515**	**3,754**	**4,012**
Load at LT from all voltages	**2,280**	**2,451**	**2,632**	**2,827**	**3,038**

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 29: Voltage-wise Asset Base (Rs. Crs.)

Voltage level	FY25	FY26	FY27	FY28	FY29
33 kV	2,277	3,887	5,583	6,825	7,536
11 kV	9,413	12,957	16,470	17,993	19,869
LT	3,492	4,751	5,862	6,204	6,851
Total	**15,183**	**21,595**	**27,915**	**31,022**	**34,256**

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 30: 33 kV Voltage Asset Base Apportioning (Rs. Crs.)

	FY25	FY26	FY27	FY28	FY29
33 kV	315	528	747	899	978
11 kV	460	771	1,089	1,308	1,421
LT	1,502	2,588	3,747	4,617	5,137
Total	**2,277**	**3,887**	**5,583**	**6,825**	**7,536**

Table 31: 11 kV Voltage Asset Base Apportioning (Rs. Crs.)

	FY25	FY26	FY27	FY28	FY29
11 kV	2,208	2,975	3,708	3,973	4,304
LT	7,206	9,982	12,762	14,020	15,564
Total	**9,413**	**12,957**	**16,470**	**17,993**	**19,869**

Table 32: LT level Asset Base Apportioning (Rs. Crs.)

	FY25	FY26	FY27	FY28	FY29
LT	3,492	4,751	5,862	6,204	6,851
Total	**3,492**	**4,751**	**5,862**	**6,204**	**6,851**

Table 33: Total Asset Base Apportioning at each voltage level (Rs. Crs.)

	FY25	FY26	FY27	FY28	FY29
33 kV	315	528	747	899	978
11 kV	2,668	3,746	4,797	5,282	5,725
LT	12,200	17,320	22,371	24,842	27,553
Total	**15,183**	**21,595**	**27,915**	**31,022**	**34,256**

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 34: ARR for Wheeling Charges (Rs. Crs.)

		FY25	FY26	FY27	FY28	FY29
ARR_{33}	33 kV	**38**	**55**	**98**	**139**	**160**
ARR_{11}	11 kV	**563**	**695**	**983**	**1,218**	**1,363**
ARR_{LT}	LT	**2,262**	**2,863**	**4,196**	**5,304**	**6,035**
	Total	**2,863**	**3,613**	**5,277**	**6,662**	**7,558**

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 35: Computation 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 36: Distribution Wheeling Charges for 4th Control Period

Wheeling Charges for Long Term OA Agreements :

Voltage Level	FY25	FY26	FY27	FY28	FY29
33 kV (Rs./kVA/Month)	64.26	88.99	151.20	203.54	222.33
11 kV (Rs./kVA/Month)	671.48	792.75	1,070.82	1,267.28	1,352.28
LT (Rs./kVA/Month)	855.80	1,007.51	1,375.28	1,618.62	1,713.85

Wheeling Charges for Short Term OA Agreements:

Voltage Level	FY25	FY26	FY27	FY28	FY29
33 kV (Rs./Unit)	0.09	0.12	0.21	0.28	0.31
11 kV (Rs./Unit)	0.93	1.10	1.49	1.76	1.88
LT (Rs./Unit)	1.19	1.40	1.91	2.25	2.38

- 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

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

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, 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.

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 – Resource Plan

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 37 - Sales projections for 5th Control Period (MUs)

Category	FY 2022-23 (Actual)	2023-24	2024-25	2025-26	2026-27	2027-28	2028-29	CAGR
LT Category								
LT Cat-I - Domestic	6,776.07	7,107.00	7,687.05	8,301.10	8,785.50	9,298.27	9,841.08	6.42%
LT Cat-II : Commercial & Others	1,269.87	1,359.26	1,437.21	1,519.88	1,603.53	1,691.73	1,785.12	5.84%
LT Cat-III : Industry	452.73	479.43	495.91	513.26	531.54	550.81	571.11	3.95%
LT Cat-IV : Institutional	431.64	446.16	474.79	505.44	538.28	573.47	611.20	5.97%
LT Cat-V : Agricultural & Related	3932.03	4,632.53	4,989.50	5,377.83	5,800.55	6,260.99	6,762.83	8.33%
LT Total	**12862.34**	**14,024.37**	**15,084.45**	**16,217.53**	**17,259.41**	**18,375.28**	**19,571.34**	**6.90%**
HT Category								
HT Cat-I: Domestic	32.05	33.53	34.33	35.15	35.99	36.87	37.78	2.78%
HT Cat-II: Commercial & Others	885.92	1,008.68	1,078.97	1,155.29	1,238.30	1,328.77	1,427.55	8.28%
HT Cat-III: Industrial	10,424.39	10,640.37	11,344.84	12,108.21	12,936.26	13,835.46	14,813.06	6.03%
HT Cat-IV : Institutional	1,055.98	1,169.43	1,258.71	1,357.46	1,466.98	1,588.74	1,739.86	8.66%
HT Cat-V : Agricultural & Related	83.53	116.11	148.33	155.80	163.82	172.44	181.71	13.83%
HT Total	**12,481.87**	**12,968.12**	**13,865.18**	**14,811.90**	**15,841.35**	**16,962.28**	**18,199.97**	**6.49%**
LT+HT Total	**25,344.21**	**26,992.49**	**28,949.63**	**31,029.43**	**33,100.76**	**35,337.56**	**37,771.31**	**6.70%**

By considering into account of the actual sales for H1 2023-24 and considering the impact of climatic changes, the revised category-wise sales projections for 2023-24 (RE) and the projected sales for 2024-25 are shown below as per RST filings for FY 2024-25:

Table 38 - Revised Sales projections for FY24 & FY25 (MUs)

Category	2023-24 (RE)	2024-25
LT Category		
LT Cat-I - Domestic (Telescopic)	7,261.91	7,741.84
LT Cat-II : Commercial & Others	1,382.68	1,501.26
LT Cat-III : Industry	474.80	494.59027
LT Cat-IV : Institutional	482.62	508.3171
LT Cat-V : Agricultural & Related	4,454.29	4767.5519
LT Total	**14,056.29**	**15,013.56**
HT Category		
HT Cat-I: Domestic	34.05	34.87
HT Cat-II: Commercial	1,022.32	1035.69
HT Cat-III: Industrial	11,322.00	12255.29
HT Cat-IV : Institutional	1,111.97	1167.64
HT Cat-V : Agricultural & Related	317.70	347.01
HT Total	**13,808.03**	**14,840.50**
LT+HT Total	**27,864.33**	**29,854.06**

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	27.06	27.06	27.06	27.06	27.06	6.76
IEX	201.66	207.71	213.94	220.36	226.97	233.78
Intrastate	277.73	277.73	277.73	277.73	277.73	277.73
Total (MUs)	**506.45**	**512.50**	**518.73**	**525.15**	**531.76**	**518.28**

3.3 Load Forecast

On the basis of Energy Input at 33 kV level for Discom and circle and assumed load factors for FY2022-23, licensee projected demand in MW for 5th control 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	FY 2022-23 (Actual)	2023-24	2024-25	2025-26	2026-27	2027-28	2028-29	CAGR
Energy Req at state level (MUs)	72400	79472	58365	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	FY24	FY25	FY26	FY27	FY28	FY29	FY30	FY31	FY32	FY33	FY34
Srikakulam	262	284	306	331	355	381	409	440	473	508	547
Vizianagaram	255	272	291	309	328	348	370	393	418	444	473
Visakhapatnam	871	921	973	1031	1088	1150	1215	1285	1359	1438	1522
Rajahmundry	994	1059	1129	1198	1269	1345	1427	1514	1608	1709	1817
Eluru	1430	1524	1629	1736	1848	1969	2099	2239	2391	2555	2731
EPDCL	**3341**	**3558**	**3802**	**4033**	**4281**	**4546**	**4831**	**5136**	**5464**	**5817**	**6196**

3.4 Capital Expenditure Projections for 5th Control Period

Table 42 – Total Forecasted CAPEX (Rs. Crs.)

Sl. No.	Item	FY24	FY25	FY26	FY27	FY28	FY29
1	Total Capital Expenditure	4037.76	4312.12	4461.08	2492.62	2664.78	2938.72

Company Name	**EPDCL**
Filing Date (dd/mm/yy)	**Annual**
Multi Year Tariff Period	**FY2025 to FY 2029**
Year	**FY2023**
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		2488.63	2835.20	3248.26	3757.31	4303.38	4835.57
Depreciation		567.91	503.02	642.59	973.56	1295.84	1442.69
Advance Against Depreciation		0.00	0.00	0.00	0.00	0.00	0.00
Taxes on Income		25.79	33.67	63.77	106.66	131.53	139.95
Other Expenditure		5.00	5.15	5.30	5.46	5.63	5.80
Special Appropriations		0.00	0.00	0.00	0.00	0.00	0.00
Total Expenditure		3087.33	3377.05	3959.91	4843.00	5736.38	6424.01
Less: IDC and expenses capitalized*		31.70	135.52	318.41	412.70	236.05	108.73
Less: O&M expenses capitalized		444.15	474.33	490.72	274.19	293.13	323.26
Net Expenditure		2611.48	2767.19	3150.79	4156.11	5207.20	5992.02
Add Return on Capital Employed		303.80	395.81	772.40	1441.35	1785.93	1908.62
Total Distribution ARR		2915.28	3163.00	3923.18	5597.46	6993.13	7900.64
Less: Wheeling Revenue from Third Party/Open Access/NTI (if any)		290.65	300.23	310.19	320.55	331.32	342.54
Revenue Requirement, (Net transferred to Retail Supply Business)		**2624.63**	**2862.77**	**3612.99**	**5276.91**	**6661.80**	**7558.10**

*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		**12347.50**	**15182.53**	**21594.90**	**27914.58**	**31022.40**	**34256.09**
OCFA Opening Balance		10724.29	12347.30	15182.53	21594.90	27914.58	31022.40
Additions to OCFA		1623.21	2835.23	6412.36	6319.68	3107.82	3233.69
Depreciation		**5453.62**	**5956.64**	**6599.23**	**7572.79**	**8868.63**	**10311.33**
Opening Balance		4885.71	5453.62	5956.64	6599.23	7572.79	8868.63
Depreciation during the Year		567.91	503.02	642.59	973.56	1295.84	1442.69
Consumer Contributions		**4163.21**	**4793.87**	**5468.28**	**6222.29**	**7064.44**	**8004.13**
Cons Contributions Opening Balance		3142.19	4163.21	4793.87	5468.28	6222.29	7064.44
Additions to Cons Contributions		1021.02	630.66	674.41	754.01	842.15	939.70
Working Capital		233.77	266.64	308.04	366.23	427.28	479.28
Change in Rate Base		**17.14**	**850.77**	**2547.68**	**2296.06**	**484.92**	**425.65**
Regulated Rate Base		**2947.30**	**3847.89**	**7287.74**	**12189.68**	**15031.70**	**15994.26**

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		75.00%	75.00%	75.00%	75.00%	75.00%	75.00%
Equity percent		25.00%	25.00%	25.00%	25.00%	25.00%	25.00%
Cost of Funds							
Cost of Debt percent		9.08%	9.05%	9.46%	11.10%	11.17%	11.24%
Return on Equity percent		14.00%	14.00%	14.00%	14.00%	14.00%	14.00%
WACC		**10.31%**	**10.29%**	**10.60%**	**11.82%**	**11.88%**	**11.93%**

Index Sheet

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		94.20	61.92	7.00	98.90	65.02	7.72	103.85	68.27	8.51	109.04	71.68	9.38	114.49		10.34	120.21	79.03	11.40						
	11 kV		8.43	489.07	4.95	8.85	513.52	5.45	9.29	539.20	6.01	9.75	566.16	6.62	10.24		7.30	10.75	624.19	8.05						
	LT				0.00			0.00			0.00			0.00			0.00			0.00						
	Total		102.63		11.95	107.75		13.17	113.14		14.52	118.79		16.00	124.73		17.65	130.96		19.45						

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		94.20	12	61.92	7.00				0.00				0.00				0.00				0.00				0.00
2						0.00	98.90	12	65.02	7.72				0.00				0.00				0.00				0.00
3						0.00				0.00	103.85	12	68.27	8.51				0.00				0.00				0.00
4						0.00				0.00				0.00	109.04	12	71.68	9.38				0.00				0.00
5						0.00				0.00				0.00				0.00	114.49	12	75.26	10.34				0.00
6						0.00				0.00				0.00				0.00				0.00	120.21	12	79.03	11.40
	Total					7.00				7.72				8.51				9.38				10.34				11.40

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		8.43	12.00	489.07	4.95				0.00				0.00				0.00				0.00				0.00
2						0.00	8.85	12.00	513.52	5.45				0.00				0.00				0.00				0.00
3						0.00				0.00	9.29	12.00	539.20	6.01				0.00				0.00				0.00
4						0.00				0.00				0.00	9.75	12.00	566.16	6.62				0.00				0.00
5						0.00				0.00				0.00				0.00	10.24	12.00	594.47	7.30				0.00
6						0.00				0.00				0.00				0.00				0.00	10.75	12.00	624.19	8.05
	Total		8.43			4.95	8.85			5.45	9.29			6.01	9.75			6.62	10.24			7.30	10.75			8.05

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		12347.50	15182.53	21594.90	27914.58	31022.40	34256.09
Less: Accumulated Depreciation		5453.62	5956.64	6599.23	7572.79	8868.63	10311.33
Net Fixed Assets		6893.88	9225.89	14995.67	20341.79	22153.77	23944.76
Capital Expenditure-in-progress		3442.18	5528.88	4386.60	1246.31	1332.39	1469.36
Investments		146.74	146.74	146.74	146.74	146.74	146.74
Current Assets		17041.96	17850.95	18724.22	19428.03	20481.81	21643.84
Assets not in use		0.00	0.00	0.00	0.00	0.00	0.00
Miscellaneous Expenditure		24.55	24.55	24.55	24.55	24.55	24.55
Others		97.74	100.58	103.50	106.51	109.61	112.80
TOTAL ASSETS		27647.05	32877.59	38381.28	41293.94	44248.86	47342.05
LIABILITIES							
Equity		121.23	121.23	121.23	121.23	121.23	121.23
Reserves		-6803.89	-6789.15	-6769.91	-6733.48	-6672.53	-6597.37
Indian Loans		13336.63	15457.91	17764.84	17767.51	17502.27	17030.51
Foreign Loans		0.00	0.00	0.00	0.00	0.00	0.00
Current Liabilities		3974.32	4604.02	5098.85	5318.03	5713.58	6128.17
Contributions & Grants		4163.21	4793.87	5468.28	6222.29	7064.44	8004.13
Payment due on Capital Liabilities							
Others		12840.81	14670.48	16661.56	18537.40	20444.72	22575.41
Surplus/(Deficit)		14.74	19.24	36.44	60.95	75.16	79.97
TOTAL LIABILITIES		27647.05	32877.59	38381.29	41293.93	44248.87	47342.05

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		82.84	12.54	0.00	95.37	
Buildings		298.00	45.11	0.00	343.10	
Other civil works		83.57	12.65	0.00	96.22	
Plant & Machinery					0.00	
Plant and Machinery - 33 kV		577.67	87.44	0.00	665.11	
Plant and Machinery - 11 kV		3516.45	532.26	0.00	4048.71	
Plant and Machinery - LT		100.64	15.23	0.00	115.87	
Metering Equipments		1114.38	168.67	0.00	1283.05	
Others		0.00	0.00	0.00	0.00	
Line Cable Network					0.00	
Line Cable Network - 33 kV		600.29	90.86	0.00	691.16	
Line Cable Network - 11 kV		2068.35	313.07	0.00	2381.42	
Line Cable Network - LT		2077.21	314.41	0.00	2391.63	
Others					0.00	
Vehicles		3.00	0.45	0.00	3.46	
Furniture & Fixtures		29.92	4.53	0.00	34.45	
Office Equipment		43.47	6.58	0.00	50.05	
Computers & IT Equipment		116.31	17.60	0.00	133.91	
Low Value Assets		0.06	0.01	0.00	0.07	
Merger Assets - Balance		0.00	0.00	0.00	0.00	
INTANGIBLE ASSETS:		0.00	0.00	0.00	0.00	
Software		6.93	1.05	0.00	7.98	
Goodwill		0.00	0.00	0.00	0.00	
Right to Use of Asset EC		4.99	0.76	0.00	5.75	
Total		**10724.09**	**1623.21**	**0.00**	**12347.30**	

Year 1 Amount in Rs. Crores

Asset Particulars	D Link	At the beginning of	Additions during the	Adjustment &	At the end of the year	Remarks
TANGIBLE ASSETS:						
Land & land rights		95.37	21.90	0.00	117.27	
Buildings		343.10	78.78	0.00	421.89	
Other civil works		96.22	22.09	0.00	118.32	
Plant & Machinery					0.00	
Plant and Machinery - 33 kV		665.11	152.72	0.00	817.83	
Plant and Machinery - 11 kV		4048.71	929.68	0.00	4978.38	
Plant and Machinery - LT		115.87	26.61	0.00	142.48	
Metering Equipments		1283.05	294.62	0.00	1577.67	
Others		0.00	0.00	0.00	0.00	
Line Cable Network					0.00	
Line Cable Network - 33 kV		691.16	158.71	0.00	849.86	
Line Cable Network - 11 kV		2381.42	546.83	0.00	2928.25	
Line Cable Network - LT		2391.63	549.17	0.00	2940.80	
Others		0.00	0.00	0.00	0.00	
Vehicles		3.46	0.79	0.00	4.25	
Furniture & Fixtures		34.45	7.91	0.00	42.36	
Office Equipment		50.05	11.49	0.00	61.54	
Computers & IT Equipment		133.91	30.75	0.00	164.66	
Low Value Assets		0.07	0.02	0.00	0.09	
Merger Assets - Balance		0.00	0.00	0.00	0.00	
INTANGIBLE ASSETS:		0.00	0.00	0.00	0.00	
Software		7.98	1.83	0.00	9.81	
Goodwill		0.00	0.00	0.00	0.00	
Right to Use of Asset EC		5.75	1.32	0.00	7.07	
Total		**12347.30**	**2835.23**	**0.00**	**15182.53**	

Year 2 **Amount in Rs. Crores**

Asset Particulars	D Link	At the beginning of	Additions during the	Adjustment &	At the end of the year	Remarks
TANGIBLE ASSETS:						
Land & land rights		117.27	49.53	0.00	166.80	
Buildings		421.89	178.19	0.00	600.08	
Other civil works		118.32	49.97	0.00	168.29	
Plant & Machinery					0.00	
Plant and Machinery - 33 kV		817.83	345.41	0.00	1163.24	
Plant and Machinery - 11 kV		4978.38	2102.63	0.00	7081.01	
Plant and Machinery - LT		142.48	60.18	0.00	202.66	
Metering Equipments		1577.67	666.33	0.00	2244.00	
Others		0.00	0.00	0.00	0.00	
Line Cable Network					0.00	
Line Cable Network - 33 kV		849.86	358.94	0.00	1208.80	
Line Cable Network - 11 kV		2928.25	1236.75	0.00	4165.00	
Line Cable Network - LT		2940.80	1242.05	0.00	4182.85	
Others		0.00	0.00	0.00	0.00	
Vehicles		4.25	1.79	0.00	6.04	
Furniture & Fixtures		42.36	17.89	0.00	60.25	
Office Equipment		61.54	25.99	0.00	87.54	
Computers & IT Equipment		164.66	69.55	0.00	234.21	
Low Value Assets		0.09	0.04	0.00	0.13	
Merger Assets - Balance		0.00	0.00	0.00	0.00	
INTANGIBLE ASSETS:		0.00	0.00	0.00	0.00	
Software		9.81	4.14	0.00	13.95	
Goodwill		0.00	0.00	0.00	0.00	
Right to Use of Asset EC		7.07	2.99	0.00	10.06	
Total		**15182.53**	**6412.36**	**0.00**	**21594.90**	

Year 3 Amount in Rs. Crores

Asset Particulars	D Link	At the beginning of	Additions during the	Adjustment &	At the end of the year	Remarks
TANGIBLE ASSETS:						
Land & land rights		166.80	48.81	0.00	215.62	
Buildings		600.08	175.61	0.00	775.69	
Other civil works		168.29	49.25	0.00	217.54	
Plant & Machinery					0.00	
Plant and Machinery - 33 kV		1163.24	340.42	0.00	1503.66	
Plant and Machinery - 11 kV		7081.01	2072.24	0.00	9153.24	
Plant and Machinery - LT		202.66	59.31	0.00	261.96	
Metering Equipments		2244.00	656.70	0.00	2900.70	
Others		0.00	0.00	0.00	0.00	
Line Cable Network					0.00	
Line Cable Network - 33 kV		1208.80	353.75	0.00	1562.55	
Line Cable Network - 11 kV		4165.00	1218.87	0.00	5383.87	
Line Cable Network - LT		4182.85	1224.10	0.00	5406.95	
Others		0.00	0.00	0.00	0.00	
Vehicles		6.04	1.77	0.00	7.81	
Furniture & Fixtures		60.25	17.63	0.00	77.88	
Office Equipment		87.54	25.62	0.00	113.15	
Computers & IT Equipment		234.21	68.54	0.00	302.75	
Low Value Assets		0.13	0.04	0.00	0.16	
Merger Assets - Balance		0.00	0.00	0.00	0.00	
INTANGIBLE ASSETS:		0.00	0.00	0.00	0.00	
Software		13.95	4.08	0.00	18.03	
Goodwill		0.00	0.00	0.00	0.00	
Right to Use of Asset EC		10.06	2.94	0.00	13.00	
Total		**21594.90**	**6319.68**	**0.00**	**27914.58**	

Year 4 **Amount in Rs. Crores**

Asset Particulars	D Link	At the beginning of	Additions during the	Adjustment &	At the end of the year	Remarks
TANGIBLE ASSETS:						
Land & land rights		215.62	24.01	0.00	239.62	
Buildings		775.69	86.36	0.00	862.04	
Other civil works		217.54	24.22	0.00	241.76	
Plant & Machinery					0.00	
Plant and Machinery - 33 kV		1503.66	167.41	0.00	1671.07	
Plant and Machinery - 11 kV		9153.24	1019.06	0.00	10172.31	
Plant and Machinery - LT		261.96	29.17	0.00	291.13	
Metering Equipments		2900.70	322.94	0.00	3223.65	
Others		0.00	0.00	0.00	0.00	
Line Cable Network					0.00	
Line Cable Network - 33 kV		1562.55	173.96	0.00	1736.52	
Line Cable Network - 11 kV		5383.87	599.40	0.00	5983.28	
Line Cable Network - LT		5406.95	601.97	0.00	6008.92	
Others		0.00	0.00	0.00	0.00	
Vehicles		7.81	0.87	0.00	8.68	
Furniture & Fixtures		77.88	8.67	0.00	86.55	
Office Equipment		113.15	12.60	0.00	125.75	
Computers & IT Equipment		302.75	33.71	0.00	336.46	
Low Value Assets		0.16	0.02	0.00	0.18	
Merger Assets - Balance		0.00	0.00	0.00	0.00	
INTANGIBLE ASSETS:		0.00	0.00	0.00	0.00	
Software		18.03	2.01	0.00	20.04	
Goodwill		0.00	0.00	0.00	0.00	
Right to Use of Asset EC		13.00	1.45	0.00	14.45	
Total		**27914.58**	**3107.82**	**0.00**	**31022.40**	

Year 5 **Amount in Rs. Crores**

Asset Particulars	D Link	At the beginning of	Additions during the	Adjustment &	At the end of the year	Remarks
TANGIBLE ASSETS:						
Land & land rights		239.62	24.98	0.00	264.60	
Buildings		862.04	89.86	0.00	951.90	
Other civil works		241.76	25.20	0.00	266.96	
Plant & Machinery					0.00	
Plant and Machinery - 33 kV		1671.07	174.19	0.00	1845.26	
Plant and Machinery - 11 kV		10172.31	1060.33	0.00	11232.64	
Plant and Machinery - LT		291.13	30.35	0.00	321.48	
Metering Equipments		3223.65	336.02	0.00	3559.67	
Others		0.00	0.00	0.00	0.00	
Line Cable Network					0.00	
Line Cable Network - 33 kV		1736.52	181.01	0.00	1917.53	
Line Cable Network - 11 kV		5983.28	623.68	0.00	6606.96	
Line Cable Network - LT		6008.92	626.35	0.00	6635.27	
Others		0.00	0.00	0.00	0.00	
Vehicles		8.68	0.91	0.00	9.59	
Furniture & Fixtures		86.55	9.02	0.00	95.57	
Office Equipment		125.75	13.11	0.00	138.86	
Computers & IT Equipment		336.46	35.07	0.00	371.53	
Low Value Assets		0.18	0.02	0.00	0.20	
Merger Assets - Balance		0.00	0.00	0.00	0.00	
INTANGIBLE ASSETS:		0.00	0.00	0.00	0.00	
Software		20.04	2.09	0.00	22.13	
Goodwill		0.00	0.00	0.00	0.00	
Right to Use of Asset EC		14.45	1.51	0.00	15.95	
Total		**31022.40**	**3233.69**	**0.00**	**34256.09**	

Form 1.1 b - ACCUMULATED DEPRECIATION
Please fill in the required details pertaining to each year

Base Year

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		68.73		3.34%	9.95		9.95		78.68		
Other civil works		15.55		3.34%	2.79		2.79		18.34		
Plant & Machinery		0.00		0.00%	0.00		0.00		0.00		
Plant and Machinery - 33 kV		250.88		5.28%	30.50		30.50		281.38		
Plant and Machinery - 11 kV		1627.49		5.28%	185.67		185.67		1813.16		
Plant and Machinery - LT		48.10		5.28%	5.31		5.31		53.41		
Metering Equipments		561.86		5.28%	58.84		58.84		620.70		
Others		0.00		0.00%	0.00		0.00		0.00		
Line Cable Network		0.00		0.00%	0.00		0.00		0.00		
Line Cable Network - 33 kV		201.25		5.28%	31.70		31.70		232.95		
Line Cable Network - 11 kV		775.57		5.28%	109.21		109.21		884.78		
Line Cable Network - LT		1199.54		5.28%	109.68		109.68		1309.21		
Others		0.00		0.00%	0.00		0.00		0.00		
Vehicles		2.15		9.50%	0.29		0.29		2.44		
Furniture & Fixtures		19.93		6.33%	1.89		1.89		21.83		
Office Equipment		22.65		6.33%	2.75		2.75		25.40		
Computers & IT Equipment		83.14		15.00%	17.45		17.45		100.59		
Low Value Assets		0.06		0.00%	0.00		0.00		0.06		
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		5.42		15.00%	1.04		1.04		6.46		
Goodwill		0.00		0.00%	0.00		0.00		0.00		
Electrical Vehicle(CAR)		3.37		0.00%	0.84		0.84		4.22		
Grand Total		**4885.71**	**0.00**		**567.91**	**0.00**	**567.91**	**0.00**	**5453.62**	**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		78.68		3.34%	11.06		11.06		89.74		
Other civil works		18.34		3.34%	3.21		3.21		21.55		
Plant & Machinery		0.00		0.00%	0.00		0.00		0.00		
Plant and Machinery - 33 kV		281.38		5.28%	29.85		29.85		311.23		
Plant and Machinery - 11 kV		1813.16		5.28%	164.70		164.70		1977.87		
Plant and Machinery - LT		53.41		5.28%	5.54		5.54		58.95		
Metering Equipments		620.70		5.28%	51.52		51.52		672.23		
Others		0.00		0.00%	0.00		0.00		0.00		
Line Cable Network		0.00		0.00%	0.00		0.00		0.00		
Line Cable Network - 33 kV		232.95		5.28%	31.81		31.81		264.76		
Line Cable Network - 11 kV		884.78		5.28%	108.60		108.60		993.38		
Line Cable Network - LT		1309.21		5.28%	79.67		79.67		1388.89		
Others		0.00		0.00%	0.00		0.00		0.00		
Vehicles		2.44		9.50%	0.18		0.18		2.61		
Furniture & Fixtures		21.83		6.33%	1.06		1.06		22.89		
Office Equipment		25.40		6.33%	2.28		2.28		27.69		
Computers & IT Equipment		100.59		15.00%	11.49		11.49		112.07		
Low Value Assets		0.06		0.00%	0.00		0.00		0.06		
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		6.46		15.00%	1.20		1.20		7.66		
Goodwill		0.00		0.00%	0.00		0.00		0.00		
Electrical Vehicle(CAR)		4.22		0.00%	0.84		0.84		5.06		
Grand Total		**5453.62**	**0.00**		**503.02**	**0.00**	**503.02**	**0.00**	**5956.64**	**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		89.74		3.34%	13.67		13.67		103.41		
Other civil works		21.55		3.34%	3.95		3.95		25.50		
Plant & Machinery		0.00		0.00%	0.00		0.00		0.00		
Plant and Machinery - 33 kV		311.23		5.28%	37.26		37.26		348.49		
Plant and Machinery - 11 kV		1977.87		5.28%	211.35		211.35		2189.22		
Plant and Machinery - LT		58.95		5.28%	6.84		6.84		65.79		
Metering Equipments		672.23		5.28%	66.40		66.40		738.63		
Others		0.00		0.00%	0.00		0.00		0.00		
Line Cable Network		0.00		0.00%	0.00		0.00		0.00		
Line Cable Network - 33 kV		264.76		5.28%	39.80		39.80		304.56		
Line Cable Network - 11 kV		993.38		5.28%	136.24		136.24		1129.62		
Line Cable Network - LT		1388.89		5.28%	107.24		107.24		1496.12		
Others		0.00		0.00%	0.00		0.00		0.00		
Vehicles		2.61		9.50%	0.25		0.25		2.86		
Furniture & Fixtures		22.89		6.33%	1.52		1.52		24.41		
Office Equipment		27.69		6.33%	2.87		2.87		30.56		
Computers & IT Equipment		112.07		15.00%	12.87		12.87		124.94		
Low Value Assets		0.06		0.00%	0.00		0.00		0.06		
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		7.66		15.00%	1.47		1.47		9.13		
Goodwill		0.00		0.00%	0.00		0.00		0.00		
Electrical Vehicle(CAR)		5.06		0.00%	0.84		0.84		5.90		
Grand Total		**5956.64**	**0.00**		**642.59**	**0.00**	**642.59**	**0.00**	**6599.23**	**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		103.41		3.34%	19.62		19.62		123.04		
Other civil works		25.50		3.34%	5.62		5.62		31.12		
Plant & Machinery		0.00		0.00%	0.00		0.00		0.00		
Plant and Machinery - 33 kV		348.49		5.28%	55.16		55.16		403.65		
Plant and Machinery - 11 kV		2189.22		5.28%	320.18		320.18		2509.39		
Plant and Machinery - LT		65.79		5.28%	9.97		9.97		75.77		
Metering Equipments		738.63		5.28%	100.37		100.37		839.00		
Others		0.00		0.00%	0.00		0.00		0.00		
Line Cable Network		0.00		0.00%	0.00		0.00		0.00		
Line Cable Network - 33 kV		304.56		5.28%	58.43		58.43		362.99		
Line Cable Network - 11 kV		1129.62		5.28%	199.86		199.86		1329.48		
Line Cable Network - LT		1496.12		5.28%	171.42		171.42		1667.55		
Others		0.00		0.00%	0.00		0.00		0.00		
Vehicles		2.86		9.50%	0.42		0.42		3.29		
Furniture & Fixtures		24.41		6.33%	2.61		2.61		27.01		
Office Equipment		30.56		6.33%	4.49		4.49		35.05		
Computers & IT Equipment		124.94		15.00%	22.47		22.47		147.41		
Low Value Assets		0.06		0.00%	0.00		0.00		0.06		
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		9.13		15.00%	2.09		2.09		11.22		
Goodwill		0.00		0.00%	0.00		0.00		0.00		
Electrical Vehicle(CAR)		5.90		0.00%	0.84		0.84		6.75		
Grand Total		**6599.23**	**0.00**		**973.56**	**0.00**	**973.56**	**0.00**	**7572.79**	**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		123.04		3.34%	25.49		25.49		148.52		
Other civil works		31.12		3.34%	7.27		7.27		38.39		
Plant & Machinery		0.00		0.00%	0.00		0.00		0.00		
Plant and Machinery - 33 kV		403.65		5.28%	72.61		72.61		476.26		
Plant and Machinery - 11 kV		2509.39		5.28%	425.76		425.76		2935.16		
Plant and Machinery - LT		75.77		5.28%	12.99		12.99		88.76		
Metering Equipments		839.00		5.28%	134.15		134.15		973.16		
Others		0.00		0.00%	0.00		0.00		0.00		
Line Cable Network		0.00		0.00%	0.00		0.00		0.00		
Line Cable Network - 33 kV		362.99		5.28%	76.39		76.39		439.38		
Line Cable Network - 11 kV		1329.48		5.28%	261.93		261.93		1591.42		
Line Cable Network - LT		1667.55		5.28%	234.39		234.39		1901.94		
Others		0.00		0.00%	0.00		0.00		0.00		
Vehicles		3.29		9.50%	0.59		0.59		3.88		
Furniture & Fixtures		27.01		6.33%	3.71		3.71		30.73		
Office Equipment		35.05		6.33%	6.08		6.08		41.12		
Computers & IT Equipment		147.41		15.00%	30.94		30.94		178.35		
Low Value Assets		0.06		0.00%	0.00		0.00		0.06		
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		11.22		15.00%	2.71		2.71		13.93		
Goodwill		0.00		0.00%	0.00		0.00		0.00		
Electrical Vehicle(CAR)		6.75		0.00%	0.84		0.84		7.59		
Grand Total		**7572.79**	**0.00**		**1295.84**	**0.00**	**1295.84**	**0.00**	**8868.63**	**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: Rate of depreciation	Additions during the year: Depreciation provided for the year	Additions during the year: Arrears of depreciation written off during the year	Additions during the year: Total	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
TANGIBLE ASSETS:											
Land & land rights		0.00		0.00%	0.00		0.00		0.00		
Buildings		148.52		3.34%	28.36		28.36		176.88		
Other civil works		38.39		3.34%	8.07		8.07		46.46		
Plant & Machinery		0.00		0.00%	0.00		0.00		0.00		
Plant and Machinery - 33 kV		476.26		5.28%	79.74		79.74		555.99		
Plant and Machinery - 11 kV		2935.16		5.28%	472.59		472.59		3407.74		
Plant and Machinery - LT		88.76		5.28%	14.37		14.37		103.13		
Metering Equipments		973.16		5.28%	148.78		148.78		1121.93		
Others		0.00		0.00%	0.00		0.00		0.00		
Line Cable Network		0.00		0.00%	0.00		0.00		0.00		
Line Cable Network - 33 kV		439.38		5.28%	84.88		84.88		524.26		
Line Cable Network - 11 kV		1591.42		5.28%	290.72		290.72		1882.14		
Line Cable Network - LT		1901.94		5.28%	264.03		264.03		2165.97		
Others		0.00		0.00%	0.00		0.00		0.00		
Vehicles		3.88		9.50%	0.67		0.67		4.55		
Furniture & Fixtures		30.73		6.33%	4.24		4.24		34.96		
Office Equipment		41.12		6.33%	6.85		6.85		47.97		
Computers & IT Equipment		178.35		15.00%	35.55		35.55		213.90		
Low Value Assets		0.06		0.00%	0.00		0.00		0.06		
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		13.93		15.00%	3.01		3.01		16.94		
Goodwill		0.00		0.00%	0.00		0.00		0.00		
Electrical Vehicle(CAR)		7.59		0.00%	0.84		0.84		8.44		
Grand Total		**8868.63**	**0.00**		**1442.69**	**0.00**	**1442.69**	**0.00**	**10311.33**	**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	551.81	3,442.18	5,528.88	4,386.60	1,246.31	1,332.39
Add: New Investment*	4,037.76	4,312.12	4,461.08	2,492.62	2,664.78	2,938.72
Add: Capitalisation*						
Expenses Capitalised	444.15	474.33	490.72	274.19	293.13	323.26
Interest During Construction	31.70	135.52	318.41	412.70	236.05	108.73
Total expenses capitalised	475.85	609.86	809.13	686.89	529.18	431.99
Less : Investment Capitalised	1,623.24	2,835.28	6,412.48	6,319.80	3,107.88	3,233.74
Closing balance of CWIP	**3442.18**	**5528.88**	**4386.60**	**1246.31**	**1332.39**	**1469.36**

*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 **FY2023-24**

Project Details				PLANNED CAPITAL EXPENDITURE							SOURCE OF FINANCING							Investments proposed for the year			
													Debt Component of capex in year					Annual			
Project Code*	Project Title	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	% capitalisation
A	**SCHEMES APPROVED BY THE COMMISSION**																				
	JHC	01.04.23	31.03.24	838.45	25.15				92.23	**955.83**	143.37		812.46	10.00%	3 Years	15 years	PFC	**955.83**			0.11
	RDSS Distribution Loss reduction works	01.04.23	31.03.24	620.56			6.21	111.70		**738.47**	73.85	0.00	221.54	10.00%	3 Years	15 years	PFC	**738.47**			0.11
B	**SCHEMES COSTING LESS THAN Rs.5.00 Cr.**																	**0.00**			
1	T&D works (Circle offices)	01.04.23	31.03.24	3.03	0.09	0.00	0.00	0.55	0.33	**4.0**	4.00						EPDCL	**4.00**			0.11
C	**SCHEMES WHICH ARE UNDER PROCESS AT COMMISSION AND APPROVAL IS AWAITED**																	**0.00**			
	AGL DBT	01.04.23	31.03.24	343		0	4	76		**423.4**							Go AP	**423.36**			0.11
	Other Grants	01.04.23	31.03.24	111			1	20		**131.7**								**131.67**			
D	**SCHEMES NOT APPROVED BY THE COMMISSION**																	**0.00**			
	nil																	**0.00**			
E	**NEW SCHEMES FOR WHICH INVESTMENT PROPOSALS ARE TO BE SUBMITTED TO THE COMMISSION**																	**0.00**			
1	33/11KV SS (T&D)	01.04.23	31.03.24	256.1	8	0	0	46	28	**338.1**			338.10	11.00%	3 Years	10 Years	Bank/FI	**338.10**			0.11
2	Normal Plan (Release of Services)	01.04.23	31.03.24	262	8	0	0	47	29	**345.8**	345.83						EPDCL	**345.83**			0.11
3	SI-Conductors & SI-Lines	01.04.23	31.03.24	141	4	0	0	25	15	**186.0**			185.95	11.00%	3 Years	10 Years	Bank/FI	**185.95**			0.11
4	SI-VCBs	01.04.23	31.03.24	5	0	0	0	1	1	**6.5**			6.54	11.00%	3 Years	10 Years	Bank/FI	**6.54**			0.11
5	SI- Meters	01.04.23	31.03.24	6	0	0	0	1	1	**8.5**			8.50	11.00%	3 Years	10 Years	Bank/FI	**8.50**			0.11
6	SI-PTRs	01.04.23	31.03.24	21	1	0	0	4	2	**27.7**			27.68	11.00%	3 Years	10 Years	Bank/FI	**27.68**			0.11
7	SI-DTRs	01.04.23	31.03.24	429	13	0	0	77	47	**566.7**			566.71	11.00%	3 Years	10 Years	Bank/FI	**566.71**			0.11
8	Release of Agl. Services	01.04.23	31.03.24	135	4	0	0	24	15	**178.0**	178.00						EPDCL	**178.00**			0.11
9	T&D other Works	01.04.23	31.03.24	78	2	0	0	14	9	**102.5**	102.47						EPDCL	**102.47**			0.11
10	T&D Civil Works	01.04.23	31.03.24	16	0	0	0	3	2	**21.3**	21.25						EPDCL	**21.25**			0.11
11	**T&D IT Works**	01.04.23	31.03.24	1	0	0	0	0	0	**0.7**	0.74						EPDCL	**0.74**			0.11
12	MRT divisions	01.04.23	31.03.24	2	0	0	0	0	0	**2.6**	2.64						EPDCL	**2.64**			0.11
Total				**3267**	**66**	**0**	**12**	**452**	**241**	**4038**	**872**							**4038**			

FY2024-25

Project Details				PLANNED CAPITAL EXPENDITURE							SOURCE OF FINANCING							Investments proposed for the year			
													Debt Component of capex in year					Annual			
Project Code*	Project Title	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	% capitalisation
A	**SCHEMES APPROVED BY THE COMMISSION**																				
	JHC	01.04.24	31.03.25	34.21	1.03				3.76	**39.0**	5.85		33.15	10.00%	3 Years	15 years	PFC	**39.00**			0.11
	RDSS Distribution Loss reduction works	01.04.24	31.03.25	2025.81			20.26	364.65		**2410.7**	241.07	0.00	723.22	10.00%	3 Years	15 years	PFC	**2410.72**			0.11
B	**SCHEMES COSTING LESS THAN Rs.5.00 Cr.**																	**0.00**			
1	T&D works (Circle offices)	01.04.24	31.03.25	3.03	0.09	0.00	0.00	0.55	0.33	**4.0**	4.45						EPDCL	**4.00**			0.11
C	**SCHEMES WHICH ARE UNDER PROCESS AT COMMISSION AND APPROVAL IS AWAITED**																	**0.00**			
	AGL DBT	01.04.24	31.03.25	60		0	0.60	10.85		**71.8**							Go AP	**71.75**			0.11
	Other Grants	01.04.23	31.03.24	24			0.24	4.25		**28.1**								**28.10**			
D	**SCHEMES NOT APPROVED BY THE COMMISSION**																	**0.00**			
	nil																	**0.00**			
E	**NEW SCHEMES FOR WHICH INVESTMENT PROPOSALS ARE TO BE SUBMITTED TO THE COMMISSION**																	**0.00**			
1	33/11KV SS (T&D)	01.04.24	31.03.25	227.8	7	0	0	41	25	**300.6**			300.64	11.00%	3 Years	10 Years	Bank/FI	**300.64**			0.11
2	Normal Plan (Release of Services)	01.04.24	31.03.25	288	9	0	0	52	32	**380.4**	380.41						EPDCL	**380.41**			0.11
3	SI-Conductors & SI-Lines	01.04.24	31.03.25	97	3	0	0	17	11	**128.1**			128.13	11.00%	3 Years	10 Years	Bank/FI	**128.13**			0.11
4	SI-VCBs	01.04.24	31.03.25	5	0	0	0	1	1	**7.19**			7.19	11.00%	3 Years	10 Years	Bank/FI	**7.19**			0.11
5	SI- Meters	01.04.24	31.03.25	7	0	0	0	1	1	**9.3**			9.35	11.00%	3 Years	10 Years	Bank/FI	**9.35**			0.11
6	SI-PTRs	01.04.24	31.03.25	23	1	0	0	4	3	**30.4**			30.45	11.00%	3 Years	10 Years	Bank/FI	**30.45**			0.11
7	SI-DTRs	01.04.24	31.03.25	429	13	0	0	77	47	**566.8**			566.77	11.00%	3 Years	10 Years	Bank/FI	**566.77**			0.11
8	Release of Agl. Services	01.04.24	31.03.25	148	4	0	0	27	16	**195.8**	195.80						EPDCL	**195.80**			0.11
9	T&D other Works	01.04.24	31.03.25	85	3	0	0	15	9	**112.7**	112.71						EPDCL	**112.71**			0.11
10	T&D Civil Works	01.04.24	31.03.25	18	1	0	0	3	2	**23.4**	23.38						EPDCL	**23.38**			0.11
11	**T&D IT Works**	01.04.24	31.03.25	1	0	0	0	0	0	**0.8**	0.82						EPDCL	**0.82**			0.11
12	MRT divisions	01.04.24	31.03.25	2	0	0	0	0	0	**2.9**	2.90						EPDCL	**2.90**			0.11
Total				**3479**	**41**	**0**	**21**	**620**	**151**	**4312**	**967**							**4312**			

FY2025-26

Project Details				PLANNED CAPITAL EXPENDITURE							SOURCE OF FINANCING							Investments proposed for the year			
													Debt Component of capex in year					Annual			
Project Code*	Project Title	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	Proposed IDC	Proposed other expense	% capitalisation
A	**SCHEMES APPROVED BY THE COMMISSION**																				
	JHC	01.04.24	31.03.25	0.00	0.00				0.00	**0.0**	0.00		0.00	10.00%	3 Years	15 years	PFC	**0.00**			0.11
	RDSS Distribution Loss reduction works	01.04.24	31.03.25	1977.38			19.77	355.93		**2353.1**	235.31	0.00	705.92	10.00%	3 Years	15 years	PFC	**2353.08**			0.11
B	**SCHEMES COSTING LESS THAN Rs.5.00 Cr.**																	**0.00**			
1	T&D works (Circle offices)	01.04.24	31.03.25	3.03	0.09	0.00	0.00	0.55	0.33	**4.0**	4.45						EPDCL	**4.00**			0.11
C	**SCHEMES WHICH ARE UNDER PROCESS AT COMMISSION AND APPROVAL IS AWAITED**																	**0.00**			
	AGL DBT	01.04.24	31.03.25	60		0	0.60	10.85		**71.8**							Go AP	**71.75**			0.11
	Other Grants	01.04.23	31.03.24	0			0.00	0.00		**0.0**								**0.00**			
D	**SCHEMES NOT APPROVED BY THE COMMISSION**																	**0.00**			
	nil																	**0.00**			
E	**NEW SCHEMES FOR WHICH INVESTMENT PROPOSALS ARE TO BE SUBMITTED TO THE COMMISSION**																	**0.00**			
1	33/11KV SS (T&D)	01.04.24	31.03.25	269.6	8	0	0	49	30	**355.9**			355.92	11.00%	3 Years	10 Years	Bank/FI	**355.92**			0.11
2	Normal Plan (Release of Services)	01.04.24	31.03.25	317	10	0	0	57	35	**418.5**	418.45						EPDCL	**418.45**			0.11
3	SI-Conductors & SI-Lines	01.04.24	31.03.25	109	3	0	0	20	12	**144.1**			144.12	11.00%	3 Years	10 Years	Bank/FI	**144.12**			0.11
4	SI-VCBs	01.04.24	31.03.25	6	0	0	0	1	1	**7.9**			7.91	11.00%	3 Years	10 Years	Bank/FI	**7.91**			0.11
5	SI- Meters	01.04.24	31.03.25	39	1	0	0	7	4	**51.4**			51.41	11.00%	3 Years	10 Years	Bank/FI	**51.41**			0.11
6	SI-PTRs	01.04.24	31.03.25	25	1	0	0	5	3	**33.5**			33.49	11.00%	3 Years	10 Years	Bank/FI	**33.49**			0.11
7	SI-DTRs	01.04.24	31.03.25	484	15	0	0	87	53	**639.0**			639.00	11.00%	3 Years	10 Years	Bank/FI	**639.00**			0.11
8	Release of Agl. Services	01.04.24	31.03.25	163	5	0	0	29	18	**215.4**	215.38						EPDCL	**215.38**			0.11
9	T&D other Works	01.04.24	31.03.25	94	3	0	0	17	10	**124.0**	123.98						EPDCL	**123.98**			0.11
10	T&D Civil Works	01.04.24	31.03.25	19	1	0	0	4	2	**25.7**	25.71						EPDCL	**25.71**			0.11
11	**T&D IT Works**	01.04.24	31.03.25	1	0	0	0	0	0	**0.9**	0.90						EPDCL	**0.90**			0.11
12	MRT divisions	01.04.24	31.03.25	12	0	0	0	2	1	**16.0**	15.97						EPDCL	**15.97**			0.11
Total				**3580**	**46**	**0**	**20**	**644**	**170**	**4461**	**1040**							**4461**			

FY2026-27

Project Details				PLANNED CAPITAL EXPENDITURE							SOURCE OF FINANCING							Investments proposed for the year			
													Debt Component of capex in year					Annual			
Project Code*	Project Title	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	% capitalisation
A	**SCHEMES APPROVED BY THE COMMISSION**																				
	JHC	01.04.24	31.03.25	0.00	0.00				0.00	**0.0**	0.00		0.00	10.00%	3 Years	15 years	PFC	**0.00**			0.11
	RDSS Distribution Loss reduction works	01.04.24	31.03.25	192.17			1.92	34.59		**228.7**	22.87	0.00	68.60	10.00%	3 Years	15 years	PFC	**228.68**			0.11
B	**SCHEMES COSTING LESS THAN Rs.5.00 Cr.**																	**0.00**			
1	T&D works (Circle offices)	01.04.24	31.03.25	0.00	0.00	0.00	0.00	0.00	0.00	**0.0**	4.45						EPDCL	**0.00**			0.11
C	**SCHEMES WHICH ARE UNDER PROCESS AT COMMISSION AND APPROVAL IS AWAITED**																	**0.00**			
	AGL DBT	01.04.24	31.03.25	60		0	0.60	10.85		**71.8**							Go AP	**71.75**			0.11
	Other Grants	01.04.23	31.03.24	0			0.00	0.00		**0.0**								**0.00**			
D	**SCHEMES NOT APPROVED BY THE COMMISSION**																	**0.00**			
	nil																	**0.00**			
E	**NEW SCHEMES FOR WHICH INVESTMENT PROPOSALS ARE TO BE SUBMITTED TO THE COMMISSION**																	**0.00**			
1	33/11KV SS (T&D)	01.04.24	31.03.25	291.8	9	0	0	53	32	**385.1**			385.13	11.00%	3 Years	10 Years	Bank/FI	**385.13**			0.11
2	Normal Plan (Release of Services)	01.04.24	31.03.25	349	10	0	0	63	38	**460.3**	460.30						EPDCL	**460.30**			0.11
3	SI-Conductors & SI-Lines	01.04.24	31.03.25	108	3	0	0	19	12	**142.0**			142.00	11.00%	3 Years	10 Years	Bank/FI	**142.00**			0.11
4	SI-VCBs	01.04.24	31.03.25	7	0	0	0	1	1	**8.7**			8.70	11.00%	3 Years	10 Years	Bank/FI	**8.70**			0.11
5	SI- Meters	01.04.24	31.03.25	43	1	0	0	8	5	**56.6**			56.55	11.00%	3 Years	10 Years	Bank/FI	**56.55**			0.11
6	SI-PTRs	01.04.24	31.03.25	28	1	0	0	5	3	**36.8**			36.84	11.00%	3 Years	10 Years	Bank/FI	**36.84**			0.11
7	SI-DTRs	01.04.24	31.03.25	517	16	0	0	93	57	**682.5**			682.47	11.00%	3 Years	10 Years	Bank/FI	**682.47**			0.11
8	Release of Agl. Services	01.04.24	31.03.25	179	5	0	0	32	20	**236.9**	236.92						EPDCL	**236.92**			0.11
9	T&D other Works	01.04.24	31.03.25	103	3	0	0	19	11	**136.4**	136.38						EPDCL	**136.38**			0.11
10	T&D Civil Works	01.04.24	31.03.25	21	1	0	0	4	2	**28.3**	28.29						EPDCL	**28.29**			0.11
11	**T&D IT Works**	01.04.24	31.03.25	1	0	0	0	0	0	**1.0**	0.99						EPDCL	**0.99**			0.11
12	MRT divisions	01.04.24	31.03.25	13	0	0	0	2	1	**17.6**	17.59						EPDCL	**17.59**			0.11
Total				**1913**	**50**	**0**	**3**	**344**	**183**	**2493**	**908**							**2493**			

FY2027-28

Project Details				PLANNED CAPITAL EXPENDITURE							SOURCE OF FINANCING							Investments proposed for the year			
													Debt Component of capex in year					Annual			
Project Code*	Project Title	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	% capitalisation
A	**SCHEMES APPROVED BY THE COMMISSION**																				
	JHC	01.04.24	31.03.25	0.00	0.00				0.00	**0.0**	0.00		0.00	10.00%	3 Years	15 years	PFC	**0.00**			0.11
	RDSS Distribution Loss reduction works	01.04.24	31.03.25	192.17			1.92	34.59		**228.7**	22.87	0.00	68.60	10.00%	3 Years	15 years	PFC	**228.68**			0.11
B	**SCHEMES COSTING LESS THAN Rs.5.00 Cr.**																	**0.00**			
1	T&D works (Circle offices)	01.04.24	31.03.25	0.00	0.00	0.00	0.00	0.00	0.00	**0.0**	4.45						EPDCL	**0.00**			0.11
C	**SCHEMES WHICH ARE UNDER PROCESS AT COMMISSION AND APPROVAL IS AWAITED**																	**0.00**			
	AGL DBT	01.04.24	31.03.25	60		0	0.60	10.85		**71.8**							Go AP	**71.75**			0.11
	Other Grants	01.04.23	31.03.24	0			0.00	0.00		**0.0**								**0.00**			
D	**SCHEMES NOT APPROVED BY THE COMMISSION**																	**0.00**			
	nil																	**0.00**			
E	**NEW SCHEMES FOR WHICH INVESTMENT PROPOSALS ARE TO BE SUBMITTED TO THE COMMISSION**																	**0.00**			
1	33/11KV SS (T&D)	01.04.24	31.03.25	311.3	9	0	0	56	34	**411.0**			410.97	11.00%	3 Years	10 Years	Bank/FI	**410.97**			0.11
2	Normal Plan (Release of Services)	01.04.24	31.03.25	384	12	0	0	69	42	**506.3**	506.33						EPDCL	**506.33**			0.11
3	SI-Conductors & SI-Lines	01.04.24	31.03.25	103	3	0	0	18	11	**135.3**			135.34	11.00%	3 Years	10 Years	Bank/FI	**135.34**			0.11
4	SI-VCBs	01.04.24	31.03.25	7	0	0	0	1	1	**9.6**			9.57	11.00%	3 Years	10 Years	Bank/FI	**9.57**			0.11
5	SI- Meters	01.04.24	31.03.25	47	1	0	0	8	5	**62.2**			62.21	11.00%	3 Years	10 Years	Bank/FI	**62.21**			0.11
6	SI-PTRs	01.04.24	31.03.25	31	1	0	0	6	3	**40.5**			40.53	11.00%	3 Years	10 Years	Bank/FI	**40.53**			0.11
7	SI-DTRs	01.04.24	31.03.25	559	17	0	0	101	61	**737.2**			737.23	11.00%	3 Years	10 Years	Bank/FI	**737.23**			0.11
8	Release of Agl. Services	01.04.24	31.03.25	197	6	0	0	36	22	**260.6**	260.61						EPDCL	**260.61**			0.11
9	T&D other Works	01.04.24	31.03.25	114	3	0	0	20	13	**150.0**	150.02						EPDCL	**150.02**			0.11
10	T&D Civil Works	01.04.24	31.03.25	24	1	0	0	4	3	**31.1**	31.12						EPDCL	**31.12**			0.11
11	**T&D IT Works**	01.04.24	31.03.25	1	0	0	0	0	0	**1.1**	1.09						EPDCL	**1.09**			0.11
12	MRT divisions	01.04.24	31.03.25	15	0	0	0	3	2	**19.3**	19.33						EPDCL	**19.33**			0.11
Total				**2044**	**54**	**0**	**3**	**368**	**197**	**2665**	**996**							**2665**			

FY2028-29

Project Details				PLANNED CAPITAL EXPENDITURE							SOURCE OF FINANCING							Investments proposed for the year			
													Debt Component of capex in year					Annual			
Project Code*	Project Title	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	% capitalisation
A	**SCHEMES APPROVED BY THE COMMISSION**																				
	JHC	01.04.24	31.03.25	0.00	0.00				0.00	**0.0**	0.00		0.00	10.00%	3 Years	15 years	PFC	**0.00**			0.11
	RDSS Distribution Loss reduction works	01.04.24	31.03.25	192.17			1.92	34.59		**228.7**	22.87	0.00	68.60	10.00%	3 Years	15 years	PFC	**228.68**			0.11
B	**SCHEMES COSTING LESS THAN Rs.5.00 Cr.**																	**0.00**			
1	T&D works (Circle offices)	01.04.24	31.03.25	0.00	0.00	0.00	0.00	0.00	0.00	**0.0**	4.45						EPDCL	**0.00**			0.11
C	**SCHEMES WHICH ARE UNDER PROCESS AT COMMISSION AND APPROVAL IS AWAITED**																	**0.00**			
	AGL DBT	01.04.24	31.03.25	60		0	0.60	10.85		**71.8**							Go AP	**71.75**			0.11
	Other Grants	01.04.23	31.03.24	0			0.00	0.00		**0.0**								**0.00**			
D	**SCHEMES NOT APPROVED BY THE COMMISSION**																	**0.00**			
	nil																	**0.00**			
E	**NEW SCHEMES FOR WHICH INVESTMENT PROPOSALS ARE TO BE SUBMITTED TO THE COMMISSION**																	**0.00**			
1	33/11KV SS (T&D)	01.04.24	31.03.25	344.6	10	0	0	62	38	**454.9**			454.87	11.00%	3 Years	10 Years	Bank/FI	**454.87**			0.11
2	Normal Plan (Release of Services)	01.04.24	31.03.25	422	13	0	0	76	46	**557.0**	556.96						EPDCL	**556.96**			0.11
3	SI-Conductors & SI-Lines	01.04.24	31.03.25	127	4	0	0	23	14	**168.1**			168.14	11.00%	3 Years	10 Years	Bank/FI	**168.14**			0.11
4	SI-VCBs	01.04.24	31.03.25	8	0	0	0	1	1	**10.5**			10.53	11.00%	3 Years	10 Years	Bank/FI	**10.53**			0.11
5	SI- Meters	01.04.24	31.03.25	52	2	0	0	9	6	**68.4**			68.43	11.00%	3 Years	10 Years	Bank/FI	**68.43**			0.11
6	SI-PTRs	01.04.24	31.03.25	34	1	0	0	6	4	**44.6**			44.58	11.00%	3 Years	10 Years	Bank/FI	**44.58**			0.11
7	SI-DTRs	01.04.24	31.03.25	626	19	0	0	113	69	**826.4**			826.40	11.00%	3 Years	10 Years	Bank/FI	**826.40**			0.11
8	Release of Agl. Services	01.04.24	31.03.25	217	7	0	0	39	24	**286.7**	286.67						EPDCL	**286.67**			0.11
9	T&D other Works	01.04.24	31.03.25	125	4	0	0	23	14	**165.0**	165.02						EPDCL	**165.02**			0.11
10	T&D Civil Works	01.04.24	31.03.25	26	1	0	0	5	3	**34.2**	34.23						EPDCL	**34.23**			0.11
11	**T&D IT Works**	01.04.24	31.03.25	1	0	0	0	0	0	**1.2**	1.20						EPDCL	**1.20**			0.11
12	MRT divisions	01.04.24	31.03.25	16	0	0	0	3	2	**21.3**	21.26						EPDCL	**21.26**			0.11
Total				**2251**	**60**	**0**	**3**	**405**	**220**	**2939**	**1093**							**2939**			

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		12347.50	15182.53	21594.90	27914.58	31022.40	34256.09
33 kV		1728.65	2277.38	3887.08	5582.92	6824.93	7536.34
11 kV		7655.45	9413.17	12956.94	16469.60	17992.99	19868.53
LT		2963.40	3491.98	4750.88	5862.06	6204.48	6851.22
Accumulated Depreciation		5453.62	5956.64	6599.23	7572.79	8868.63	10311.33
33 kV		763.51	893.50	1187.86	1514.56	1951.10	2268.49
11 kV		3381.24	3693.12	3959.54	4467.94	5143.81	5980.57
LT		1308.87	1370.03	1451.83	1590.29	1773.73	2062.27
Net Fixed Assets		6893.88	9225.89	14995.67	20341.79	22153.77	23944.76
33 kV		965.14	1383.88	2699.22	4068.36	4873.83	5267.85
11 kV		4274.21	5720.05	8997.40	12001.66	12849.19	13887.96
LT		1654.53	2121.96	3299.05	4271.78	4430.75	4788.95

Form1.1 g(i) - 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
JHC	955.83			PFC	10.0%	2 years		
RDSS Distribution Loss reduction works	738.47			PFC	10.0%	2 years		
For funding Base Investment & 25% of Normal Works	1062.12		To be tied Up	REC/PFC or any other Financial Institution	10.0%			
Total	2756.42				10.0%			

Year 1 **Amount in Rs. Crores**

Particulars	Amount	Purpose	Status	Agency	Agreed Interest Rate	Moratorium Period (Years)	Repayment period (Years)	Remarks
JHC	39.00			PFC	10.00%	2 years		
RDSS Distribution Loss reduction works	2410.70			PFC	10.00%	2 years		
For funding Base Investment & 25% of Normal Works	963.63		To be tied Up	REC/PFC or any other Financial Institution	10.00%			
Total	3413.33				10.00%			

Year 2 Amount in Rs. Crores

Particulars	Amount	Purpose	Status	Agency	Agreed Interest Rate	Moratorium Period (Years)	Repayment period (Years)	Remarks
RDSS Distribution Loss reduction works	2353.10			PFC	10%	2 years	15 years	
For funding Base Investment & 25% of Normal Works	1157.32		To be tied Up	REC/PFC or any other Financial Institution	10%			
Total	3510.42				10.00%			

Year 3 Amount in Rs. Crores

Particulars	Amount	Purpose	Status	Agency	Agreed Interest Rate	Moratorium Period (Years)	Repayment period (Years)	Remarks
RDSS Distribution Loss reduction works	228.70			PFC	10%	2 years	15 years	
For funding Base Investment & 25% of Normal Works	1225.46		To be tied Up	REC/PFC or any other Financial Institution	12%	NIL	10/12 Years	
Total	1454.16				11.69%			

Year 4 **Amount in Rs. Crores**

Particulars	Amount	Purpose	Status	Agency	Agreed Interest Rate	Moratorium Period (Years)	Repayment period (Years)	Remarks
RDSS Distribution Loss reduction works	228.70			PFC	10%	2 years	15 years	
For funding Base Investment & 25% of Normal Works	1300.95		To be tied Up	REC/PFC or any other Financial Institution	12%	NIL	10/12 Years	
Total	1529.65				11.70%			

Year 5 **Amount in Rs. Crores**

Particulars	Amount	Purpose	Status	Agency	Agreed Interest Rate	Moratorium Period (Years)	Repayment period (Years)	Remarks
RDSS Distribution Loss reduction works	228.70			PFC	10%	2 years	15 years	
For funding Base Investment & 25% of Normal Works	1468.54		To be tied Up	REC/PFC or any other Financial Institution	12%	NIL	10/12 Years	
Total	1697.24				11.73%			

Form 1.1g - Loans **INDIAN LOANS & DEBENTURES**

This form pertains to the Total Indian Loans and Debentures

This sheet pertains to loan requirement for Wokring capital and Capital expenditure (As Per Resource Plan) and any other planned loans

Please fill in the required details pertaining to each year

9.92%

FY2022-23

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						9107.90	5722.86	2687.00	12143.76	995.25	#REF!			
Bonds			all						301.49	0.00	0.00	301.49	0.00	0.00			
FRP BONDS									301.49			301.49					
Debentures			all						0.00	0.00	0.00	0.00	0.00	0.00			
												0.00					
Borrowings for working capital			all						7401.34	4945.87	2183.22	10163.99	882.22	#REF!			
PFC		PFC				0.00	10.00	10.60%	1628.17	1924.68	239.96	3312.89	228.54	#REF!			
REC		REC				0.00	10.00	9.92%	1534.67	2151.19	322.36	3363.50	263.43	#REF!			
PTC		PTC				0.00	5.00	12.50%	67.33	0.00	40.00	27.33	5.46	#REF!			
Loan Bifurcation from TSNPDCL		TSNPDCL							16.14			16.14					
FRP-9.95% Unsecured Bonds - I		A.P.Genco							0.00			0.00					
FRP- Conversion of STL to Term Loans		Bank of India & IOB				0.00	5.00	11.25%	16.49		15.46	1.03	0.77				
Funds from State Government and Institution approved by State Government			all						0.00			0.00		0.00			
APTRANSCO STL						0.00	2.00	7.00%	64.22	440.00	101.49	402.73	26.95				
IREDA						0.00	2.00	9.75%	223.75		153.75	70.00	27.55				
APGECL									0.00			0.00					
NREADCAP									0.00			0.00					
APPFCL						0.00	5.00	9.00%	3850.57	430.00	1310.20	2970.37	329.52				
Other Secured Loans			all						1405.07	776.99	503.78	1678.28	113.03	0.00			
REC Ltd		REC										0.00					
JBIC (Monthly)		REC				3.00	10.00	10.47%	5.71		1.12	4.59	0.38				
JBIC (Qty)		REC				3.00	10.00	10.12%	15.56		10.84	4.72	1.73				
Indiramma (Monthly)		REC				3.00	10.00	12.75%	3.81		1.20	2.61	0.39				
LED Light		REC				3.00	10.00	10.70%	9.83		1.79	8.04	1.06				
HVDS		REC				3.00	10.00	10.50%	68.11		10.62	57.49	7.05				
RGGVY		REC				3.00	10.00	10.28%	2.11		0.76	1.35	0.15				
DDG		REC				3.00	10.00	10.58%	8.79		0.98	7.81	0.88				
AGL 9 Hours Supply		REC				3.00	10.00	10.00%	103.07		10.39	92.68	11.17				
AGL Solar Pumpsets		REC				3.00	10.00	10.00%	73.13		8.60	64.53	7.49				
Energy Efficient Pump sets		REC				3.00	10.00	11.00%	61.33		6.65	54.68	6.18				
DDUGJY		REC				3.00	10.00	10.25%	92.06		9.86	82.20	9.63				
Solar Off Grid pumpsets		REC				3.00	10.00	10.00%	97.85		11.18	86.67	9.80				
Term Loan REC (world bank) Power for All		REC				3.00	10.00	10.00%	104.98		10.68	94.30	9.22				
Interest free schemes									24.61			24.61					
24x7 PFA IBRD								2.34%	81.64			81.64					
24x7 PFA AIIB								2.34%	54.42			54.42					
PFC Ltd.																	
R-APDRP (Part -A)		PFC				1.00	15.00	10.00%	0.00			0.00					
R-APDRP (Part -B)-75%		PFC				1.00	15.00	10.60%	35.27		3.54	31.73	3.89				
R-APDRP (Part -B)-25%		PFC				1.00	15.00	0.00%	12.05		12.05	0.00					
R-APDRP SCADA Part-A		PFC				1.00	15.00	0.00%	0.00			0.00					
R-APDRP SCADA Part-B		PFC				1.00	15.00	9.60%	3.21		0.24	2.97	0.89				
IPDS		PFC				1.00	15.00	10.25%	83.94	1.60	7.08	78.46	9.11				
PFC GEL (Solar Pumpsets loan)		PFC GEL				1.00	15.00	9.78%	14.40		1.69	12.71	1.52				
PFC IPDS IT		PFC				1.00	15.00	10.25%	4.84		0.35	4.49	0.52				
YSR Jagananna Colonies		PFC				1.00	10.00	10.50%	0.00	378.07	0.00	378.07	2.88				
CC Limits for Working capital		SBI & Andhra Bank, Sydicate Bank						10.80%	444.35	397.32	394.16	447.51	29.09				
Unsecured Loans			all						0.00	0.00	0.00	0.00	0.00	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			
Borrowings for working capital			all						0.00	0.00	0.00	0.00	0.00	0.00			
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						0.00	0.00	0.00	0.00	0.00	0.00			
TOTAL			**all**						9107.90	5722.86	2687.00	12143.76	995.25	0.00			

Base Year	FY2023-24															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						12143.76	2335.69	3385.27	11094.18	1054.42	0.00			
Bonds			all						301.49	0.00	0.00	301.49	0.00	0.00			
FRP BONDS									301.49			301.49					
												0.00					
Debentures			all						0.00	0.00	0.00	0.00	0.00	0.00			
												0.00					
Borrowings for working capital			all						10163.99	1958.16	2986.11	9136.04	893.01	0.00			
PFC		PFC				0.00	10.00	9.50%	3312.89	1038.89	1378.71	2973.07	298.58	0.00			
REC		REC				0.00	10.00	9.51%	3363.50	919.27	1090.94	3191.83	311.71	0.00			
PTC		PTC				0.00	5.00	11.40%	27.33		27.33	0.00	1.56	0.00			
Loan Bifurcation from TSNPDCL		TSNPDCL							16.14			16.14		0.00			
FRP-9.95% Unsecured Bonds - I		A.P.Genco							0.00			0.00		0.00			
FRP- Conversion of STL to Term Loans		Bank of India & IOB				0.00	5.00	9.00%	1.03		1.03	0.00	0.05	0.00			
Funds from State Government and Institution approved by State Government			all						0.00			0.00		0.00			
APTRANSCO STL						0.00	2.00	7.00%	402.73		67.71	335.02	25.82	0.00			
IREDA						0.00	2.00	10.67%	70.00		70.00	0.00	3.73	0.00			
APGECL									0.00			0.00		0.00			
NREADCAP									0.00			0.00		0.00			
APPFCL						0.00	5.00	9.00%	2970.37		350.39	2619.98	251.57	0.00			
Other Secured Loans			all						1678.28	377.53	399.16	1656.65	161.40	0.00			
REC Ltd		REC										0.00					
JBIC (Monthly)		REC				3.00	10.00	10.47%	4.59	0.00	4.59	0.00	0.24	0.00	0.00	0.00	
JBIC (Qty)		REC				3.00	10.00	10.12%	4.72		3.19	1.53	0.32	0.00	0.00	0.00	
Indiramma (Monthly)		REC				3.00	10.00	11.15%	2.61		1.20	1.41	0.22	0.00	0.00	0.00	
LED Light		REC				3.00	10.00	11.00%	8.04		1.79	6.25	0.79	0.00	0.00	0.00	
HVDS		REC				3.00	10.00	10.50%	57.49		10.62	46.87	5.48	0.00	0.00	0.00	
RGGVY		REC				3.00	10.00	10.28%	1.35		0.70	0.65	0.10	0.00	0.00	0.00	
DDG		REC				3.00	10.00	10.58%	7.81		0.48	7.33	0.80	0.00	0.00	0.00	
AGL 9 Hours Supply		REC				3.00	10.00	11.00%	92.68		10.39	82.29	9.62	0.00	0.00	0.00	
AGL Solar Pumpsets		REC				3.00	10.00	10.40%	64.53		8.60	55.93	6.26	0.00	0.00	0.00	
Energy Efficient Pump sets		REC				3.00	10.00	10.00%	54.68		6.65	48.03	5.14	0.00	0.00	0.00	
DDUGJY		REC				3.00	10.00	10.85%	82.20		9.86	72.34	8.38	0.00	0.00	0.00	
Solar Off Grid pumpsets		REC				3.00	10.00	10.50%	86.67		11.18	75.49	8.51	0.00	0.00	0.00	
Term Loan REC (world bank) Power for All		REC				3.00	10.00	8.75%	94.30		7.28	87.02	7.93	0.00	0.00	0.00	
Interest free schemes									24.61		0.00	24.61	0.00	0.00	0.00	0.00	
24x7 PFA IBRD								2.34%	81.64		0.00	81.64	1.91	0.00	0.00	0.00	
24x7 PFA AIIB								2.34%	54.42		0.00	54.42	1.27	0.00	0.00	0.00	
PFC Ltd.														0.00	0.00	0.00	
R-APDRP (Part -A)		PFC				1.00	15.00	10.75%	0.00			0.00		0.00	0.00	0.00	
R-APDRP (Part -B)-75%		PFC				1.00	15.00	10.75%	31.73		3.31	28.42	3.23	0.00	0.00	0.00	
R-APDRP (Part -B)-25%		PFC				1.00	15.00	0.00%	0.00			0.00	0.00	0.00	0.00	0.00	
R-APDRP SCADA Part-A		PFC				1.00	15.00	0.00%	0.00			0.00	0.00	0.00	0.00	0.00	
R-APDRP SCADA Part-B		PFC				1.00	15.00	9.60%	2.97		0.30	2.67	0.27	0.00	0.00	0.00	
IPDS		PFC				1.00	15.00	10.25%	78.46		6.51	71.95	7.71	0.00	0.00	0.00	
PFC GEL (Solar Pumpsets loan)		PFC GEL				1.00	15.00	10.85%	12.71		1.08	11.63	1.32	0.00	0.00	0.00	
PFC IPDS IT		PFC				1.00	15.00	10.25%	4.49		0.36	4.13	0.44	0.00	0.00	0.00	
YSR Jagananna Colonies		PFC				1.00	10.00	10.50%	378.07	116.11	0.00	494.18	45.79	0.00	0.00	0.00	
CC Limits for Working capital		SBI & Andhra Bank, Sydicate Bank						10.80%	447.51	261.42	311.07	397.86	45.65	0.00	0.00	0.00	
Unsecured Loans			all						0.00	0.00	0.00	0.00	0.00	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						0.00	0.00	0.00	0.00	0.00	0.00			
												0.00					
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 Unsecured Loans			all						0.00	0.00	0.00	0.00	0.00	0.00			
												0.00					
TOTAL			**all**						12143.76	2335.69	3385.27	11094.18	1054.42	0.00			

Year 1		FY2024-25													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						11094.18	0.00	1603.13	9491.05	928.64	548.54			
Bonds			all						301.49	0.00	0.00	301.49	0.00	0.00			
FRP BONDS									301.49			301.49					
												0.00					
Debentures			all						0.00	0.00	0.00	0.00	0.00	0.00			
												0.00					
Borrowings for working capital			all						9136.04	0.00	1210.27	7925.77	789.45	548.54			
PFC		PFC				0.00	10.00	9.50%	2973.07		225.84	2747.23	271.71	271.71			
REC		REC				0.00	10.00	9.51%	3191.83		561.84	2629.99	276.83	276.83			
PTC		PTC				0.00	5.00	11.40%	0.00			0.00	0.00	0.00			
Loan Bifurcation from TSNPDCL		TSNPDCL							16.14			16.14					
FRP-9.95% Unsecured Bonds - I		A.P.Genco							0.00			0.00					
FRP- Conversion of STL to Term Loans		Bank of India & IOB				0.00	5.00	9.00%	0.00		0.00	0.00	0.00				
Funds from State Government and Institution approved by State Government			all						0.00			0.00		0.00			
APTRANSCO STL						0.00	2.00	7.00%	335.02		67.71	267.31	21.08				
IREDA						0.00	2.00	10.67%	0.00		0.00	0.00	0.00				
APGECL									0.00			0.00					
NREADCAP									0.00			0.00					
APPFCL							5.00	9.00%	2619.98		354.88	2265.10	219.83				
Other Secured Loans			all						1656.65	0.00	392.86	1263.79	139.19	0.00			
REC Ltd		REC										0.00					
JBIC (Monthly)		REC				3.00	10.00	10.47%	0.00	0.00	0.00	0.00	0.00				
JBIC (Qty)		REC				3.00	10.00	10.12%	1.53		1.53	0.00	0.08				
Indiramma (Monthly)		REC				3.00	10.00	11.15%	1.41		1.20	0.21	0.09				
LED Light		REC				3.00	10.00	11.00%	6.25		1.79	4.46	0.59				
HVDS		REC				3.00	10.00	10.50%	46.87		10.62	36.25	4.36				
RGGVY		REC				3.00	10.00	10.28%	0.65		0.65	0.00	0.03				
DDG		REC				3.00	10.00	10.58%	7.33		0.48	6.85	0.75				
AGL 9 Hours Supply		REC				3.00	10.00	11.00%	82.29		10.39	71.90	8.48				
AGL Solar Pumpsets		REC				3.00	10.00	10.40%	55.93		8.60	47.33	5.37				
Energy Efficient Pump sets		REC				3.00	10.00	10.00%	48.03		6.65	41.38	4.47				
DDUGJY		REC				3.00	10.00	10.85%	72.34		9.86	62.48	7.31				
Solar Off Grid pumpsets		REC				3.00	10.00	10.50%	75.49		11.18	64.31	7.34				
Term Loan REC (world bank) Power for All		REC				3.00	10.00	8.75%	87.02		7.28	79.74	7.30				
Interest free schemes									24.61		0.00	24.61	0.00				
24x7 PFA IBRD								2.34%	81.64		0.00	81.64	1.91				
24x7 PFA AIIB								2.34%	54.42		0.00	54.42	1.27				
PFC Ltd.																	
R-APDRP (Part -A)		PFC				1.00	15.00	10.75%	0.00			0.00					
R-APDRP (Part -B)-75%		PFC				1.00	15.00	10.75%	28.42		3.31	25.11	2.88				
R-APDRP (Part -B)-25%		PFC				1.00	15.00	0.00%	0.00			0.00	0.00				
R-APDRP SCADA Part-A		PFC				1.00	15.00	0.00%	0.00			0.00	0.00				
R-APDRP SCADA Part-B		PFC				1.00	15.00	9.60%	2.67		0.30	2.37	0.24				
IPDS		PFC				1.00	15.00	10.25%	71.95		6.51	65.44	7.04				
PFC GEL (Solar Pumpsets loan)		PFC GEL				1.00	15.00	10.85%	11.63		1.08	10.55	1.20				
PFC IPDS IT		PFC				1.00	15.00	10.25%	4.13		0.36	3.77	0.40				
YSR Jagananna Colonies		PFC				1.00	10.00	10.50%	494.18		0.00	494.18	51.89				
CC Limits for Working capital		SBI & Andhra Bank, Sydicate Bank						10.80%	397.86		311.07	86.79	26.17				
Unsecured Loans			all						0.00	0.00	0.00	0.00	0.00	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						0.00	0.00	0.00	0.00	0.00	0.00			
												0.00					
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 Unsecured Loans			all						0.00	0.00	0.00	0.00	0.00	0.00			
												0.00					
TOTAL			**all**						11094.18	0.00	1603.13	9491.05	928.64	548.54			

Year 2	**FY2025-26**														**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						9491.05	0.00	1290.28	8200.77	791.34	1026.84			
Bonds			all						301.49	0.00	0.00	301.49	0.00	0.00			
FRP BONDS									301.49			301.49					
												0.00					
Debentures			all						0.00	0.00	0.00	0.00	0.00	0.00			
												0.00					
Borrowings for working capital			all						7925.77	0.00	1124.87	6800.90	681.98	1026.84			
PFC		PFC				0.00	10.00	9.50%	2747.23		281.24	2465.99	247.63	519.34			
REC		REC				0.00	10.00	9.51%	2629.99		408.96	2221.03	230.67	507.49			
PTC		PTC				0.00	5.00	11.40%	0.00			0.00	0.00	0.00			
Loan Bifurcation from TSNPDCL		TSNPDCL							16.14			16.14					
FRP-9.95% Unsecured Bonds - I		A.P.Genco							0.00			0.00					
FRP- Conversion of STL to Term Loans		Bank of India & IOB				0.00	5.00	9.00%	0.00		0.00	0.00	0.00				
Funds from State Government and Institution approved by State Government			all						0.00			0.00		0.00			
APTRANSCO STL						0.00	2.00	7.00%	267.31		67.71	199.60	16.34				
IREDA						0.00	2.00	10.67%	0.00		0.00	0.00	0.00				
APGECL									0.00			0.00					
NREADCAP									0.00			0.00					
APPFCL						0.00	5.00	9.00%	2265.10		366.96	1898.14	187.35				
Other Secured Loans			all						1263.79	0.00	165.41	1098.38	109.36	0.00			
REC Ltd		REC										0.00					
JBIC (Monthly)		REC				3.00	10.00	10.47%	0.00	0.00	0.00	0.00	0.00				
JBIC (Qty)		REC				3.00	10.00	10.12%	0.00		0.00	0.00	0.00				
Indiramma (Monthly)		REC				3.00	10.00	11.15%	0.21		0.21	0.00	0.01				
LED Light		REC				3.00	10.00	11.00%	4.46		1.79	2.67	0.39				
HVDS		REC				3.00	10.00	10.50%	36.25		10.62	25.63	3.25				
RGGVY		REC				3.00	10.00	10.28%	0.00		0.00	0.00	0.00				
DDG		REC				3.00	10.00	10.58%	6.85		0.48	6.37	0.70				
AGL 9 Hours Supply		REC				3.00	10.00	11.00%	71.90		10.39	61.51	7.34				
AGL Solar Pumpsets		REC				3.00	10.00	10.40%	47.33		8.60	38.73	4.48				
Energy Efficient Pump sets		REC				3.00	10.00	10.00%	41.38		6.65	34.73	3.81				
DDUGJY		REC				3.00	10.00	10.85%	62.48		9.86	52.62	6.24				
Solar Off Grid pumpsets		REC				3.00	10.00	10.50%	64.31		11.18	53.13	6.17				
Term Loan REC (world bank) Power for All		REC				3.00	10.00	8.75%	79.74		7.28	72.46	6.66				
Interest free schemes									24.61		0.00	24.61	0.00				
24x7 PFA IBRD								2.34%	81.64		0.00	81.64	1.91				
24x7 PFA AIIB								2.34%	54.42		0.00	54.42	1.27				
PFC Ltd.																	
R-APDRP (Part -A)		PFC				1.00	15.00	10.75%	0.00			0.00					
R-APDRP (Part -B)-75%		PFC				1.00	15.00	10.75%	25.11		3.31	21.80	2.52				
R-APDRP (Part -B)-25%		PFC				1.00	15.00	0.00%	0.00			0.00	0.00				
R-APDRP SCADA Part-A		PFC				1.00	15.00	0.00%	0.00			0.00	0.00				
R-APDRP SCADA Part-B		PFC				1.00	15.00	9.60%	2.37		0.30	2.07	0.21				
IPDS		PFC				1.00	15.00	10.25%	65.44		6.51	58.93	6.37				
PFC GEL (Solar Pumpsets loan)		PFC GEL				1.00	15.00	10.85%	10.55		1.08	9.47	1.09				
PFC IPDS IT		PFC				1.00	15.00	10.25%	3.77		0.36	3.41	0.37				
YSR Jagananna Colonies		PFC				1.00	10.00	10.50%	494.18		0.00	494.18	51.89				
CC Limits for Working capital		SBI & Andhra Bank, Sydicate Bank						10.80%	86.79		86.79	0.00	4.69				
Unsecured Loans			all						0.00	0.00	0.00	0.00	0.00	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						0.00	0.00	0.00	0.00	0.00	0.00			
												0.00					
												0.00					
												0.00					
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 Unsecured Loans			all						0.00	0.00	0.00	0.00	0.00	0.00			
												0.00					
TOTAL			**all**						9491.05	0.00	1290.28	8200.77	791.34	1026.84			

Year 3	FY2026-27															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						8200.77	0.00	1187.45	7013.32	675.87	1440.27			
Bonds			all						301.49	0.00	0.00	301.49	0.00	0.00			
FRP BONDS									301.49			301.49					
												0.00					
Debentures			all						0.00	0.00	0.00	0.00	0.00	0.00			
												0.00					
Borrowings for working capital			all						6800.90	0.00	1109.04	5691.86	579.36	1440.27			
PFC		PFC				0.00	10.00	9.50%	2465.99		309.12	2156.87	219.59	738.93			
REC		REC				0.00	10.00	9.51%	2221.03		365.25	1855.78	193.85	701.35			
PTC		PTC				0.00	5.00	11.40%	0.00			0.00	0.00	0.00			
Loan Bifurcation from TSNPDCL		TSNPDCL							16.14			16.14					
FRP-9.95% Unsecured Bonds - I		A.P.Genco							0.00			0.00					
FRP- Conversion of STL to Term Loans		Bank of India & IOB				0.00	5.00	9.00%	0.00		0.00	0.00	0.00				
Funds from State Government and Institution approved by State Government			all						0.00			0.00		0.00			
APTRANSCO STL						0.00	2.00	7.00%	199.60		67.71	131.89	11.60				
IREDA						0.00	2.00	10.67%	0.00		0.00	0.00	0.00				
APGECL									0.00			0.00					
NREADCAP									0.00			0.00					
APPFCL						0.00	5.00	9.00%	1898.14		366.96	1531.18	154.32				
Other Secured Loans			all						1098.38	0.00	78.41	1019.97	96.51	0.00			
REC Ltd		REC										0.00					
JBIC (Monthly)		REC				3.00	10.00	10.47%	0.00	0.00	0.00	0.00	0.00				
JBIC (Qty)		REC				3.00	10.00	10.12%	0.00		0.00	0.00	0.00				
Indiramma (Monthly)		REC				3.00	10.00	11.15%	0.00		0.00	0.00	0.00				
LED Light		REC				3.00	10.00	11.00%	2.67		1.79	0.88	0.20				
HVDS		REC				3.00	10.00	10.50%	25.63		10.62	15.01	2.13				
RGGVY		REC				3.00	10.00	10.28%	0.00		0.00	0.00	0.00				
DDG		REC				3.00	10.00	10.58%	6.37		0.48	5.89	0.65				
AGL 9 Hours Supply		REC				3.00	10.00	11.00%	61.51		10.39	51.12	6.19				
AGL Solar Pumpsets		REC				3.00	10.00	10.40%	38.73		8.60	30.13	3.58				
Energy Efficient Pump sets		REC				3.00	10.00	10.00%	34.73		6.65	28.08	3.14				
DDUGJY		REC				3.00	10.00	10.85%	52.62		9.86	42.76	5.17				
Solar Off Grid pumpsets		REC				3.00	10.00	10.50%	53.13		11.18	41.95	4.99				
Term Loan REC (world bank) Power for All		REC				3.00	10.00	8.75%	72.46		7.28	65.18	6.02				
Interest free schemes									24.61		0.00	24.61	0.00				
24x7 PFA IBRD								2.34%	81.64		0.00	81.64	1.91				
24x7 PFA AIIB								2.34%	54.42		0.00	54.42	1.27				
PFC Ltd.																	
R-APDRP (Part -A)		PFC				1.00	15.00	10.75%	0.00			0.00					
R-APDRP (Part -B)-75%		PFC				1.00	15.00	10.75%	21.80		3.31	18.49	2.17				
R-APDRP (Part -B)-25%		PFC				1.00	15.00	0.00%	0.00			0.00	0.00				
R-APDRP SCADA Part-A		PFC				1.00	15.00	0.00%	0.00			0.00	0.00				
R-APDRP SCADA Part-B		PFC				1.00	15.00	9.60%	2.07		0.30	1.77	0.18				
IPDS		PFC				1.00	15.00	10.25%	58.93		6.51	52.42	5.71				
PFC GEL (Solar Pumpsets loan)		PFC GEL				1.00	15.00	10.85%	9.47		1.08	8.39	0.97				
PFC IPDS IT		PFC				1.00	15.00	10.25%	3.41		0.36	3.05	0.33				
YSR Jagananna Colonies		PFC				1.00	10.00	10.50%	494.18		0.00	494.18	51.89				
CC Limits for Working capital		SBI & Andhra Bank, Sydicate Bank						10.80%	0.00		0.00	0.00	0.00				
Unsecured Loans			all						0.00	0.00	0.00	0.00	0.00	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						0.00	0.00	0.00	0.00	0.00	0.00			
												0.00					
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 Unsecured Loans			all						0.00	0.00	0.00	0.00	0.00	0.00			
												0.00					
TOTAL			**all**						8200.77	0.00	1187.45	7013.32	675.87	1440.27			

Year 4	FY2027-28															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						7013.32	0.00	1189.52	5823.80	565.76	1789.47			
Bonds			all						301.49	0.00	0.00	301.49	0.00	0.00			
FRP BONDS									301.49			301.49					
												0.00					
Debentures			all						0.00	0.00	0.00	0.00	0.00	0.00			
												0.00					
Borrowings for working capital			all						5691.86	0.00	1112.02	4579.84	477.35	1789.47			
PFC		PFC				0.00	10.00	9.50%	2156.87		339.79	1817.08	188.76	927.69			
REC		REC				0.00	10.00	9.51%	1855.78		337.56	1518.22	160.43	861.78			
PTC		PTC				0.00	5.00	11.40%	0.00			0.00	0.00	0.00			
Loan Bifurcation from TSNPDCL		TSNPDCL							16.14			16.14					
FRP-9.95% Unsecured Bonds - I		A.P.Genco							0.00			0.00					
FRP- Conversion of STL to Term Loans		Bank of India & IOB				0.00	5.00	9.00%	0.00		0.00	0.00	0.00				
Funds from State Government and Institution approved by State Government			all						0.00			0.00		0.00			
APTRANSCO STL						0.00	2.00	7.00%	131.89		67.71	64.18	6.86				
IREDA						0.00	2.00	10.67%	0.00		0.00	0.00	0.00				
APGECL									0.00			0.00					
NREADCAP									0.00			0.00					
APPFCL							5.00	9.00%	1531.18		366.96	1164.22	121.29				
Other Secured Loans			all						1019.97	0.00	77.50	942.47	88.41	0.00			
REC Ltd		REC										0.00					
JBIC (Monthly)		REC				3.00	10.00	10.47%	0.00	0.00	0.00	0.00	0.00				
JBIC (Qty)		REC				3.00	10.00	10.12%	0.00		0.00	0.00	0.00				
Indiramma (Monthly)		REC				3.00	10.00	11.15%	0.00		0.00	0.00	0.00				
LED Light		REC				3.00	10.00	11.00%	0.88		0.88	0.00	0.05				
HVDS		REC				3.00	10.00	10.50%	15.01		10.62	4.39	1.02				
RGGVY		REC				3.00	10.00	10.28%	0.00		0.00	0.00	0.00				
DDG		REC				3.00	10.00	10.58%	5.89		0.48	5.41	0.60				
AGL 9 Hours Supply		REC				3.00	10.00	11.00%	51.12		10.39	40.73	5.05				
AGL Solar Pumpsets		REC				3.00	10.00	10.40%	30.13		8.60	21.53	2.69				
Energy Efficient Pump sets		REC				3.00	10.00	10.00%	28.08		6.65	21.43	2.48				
DDUGJY		REC				3.00	10.00	10.85%	42.76		9.86	32.90	4.10				
Solar Off Grid pumpsets		REC				3.00	10.00	10.50%	41.95		11.18	30.77	3.82				
Term Loan REC (world bank) Power for All		REC				3.00	10.00	8.75%	65.18		7.28	57.90	5.38				
Interest free schemes									24.61		0.00	24.61	0.00				
24x7 PFA IBRD								2.34%	81.64		0.00	81.64	1.91				
24x7 PFA AIIB								2.34%	54.42		0.00	54.42	1.27				
PFC Ltd.																	
R-APDRP (Part -A)		PFC				1.00	15.00	10.75%	0.00			0.00					
R-APDRP (Part -B)-75%		PFC				1.00	15.00	10.75%	18.49		3.31	15.18	1.81				
R-APDRP (Part -B)-25%		PFC				1.00	15.00	0.00%	0.00			0.00	0.00				
R-APDRP SCADA Part-A		PFC				1.00	15.00	0.00%	0.00			0.00	0.00				
R-APDRP SCADA Part-B		PFC				1.00	15.00	9.60%	1.77		0.30	1.47	0.16				
IPDS		PFC				1.00	15.00	10.25%	52.42		6.51	45.91	5.04				
PFC GEL (Solar Pumpsets loan)		PFC GEL				1.00	15.00	10.85%	8.39		1.08	7.31	0.85				
PFC IPDS IT		PFC				1.00	15.00	10.25%	3.05		0.36	2.69	0.29				
YSR Jagananna Colonies		PFC				1.00	10.00	10.50%	494.18		0.00	494.18	51.89				
CC Limits for Working capital		SBI & Andhra Bank, Sydicate Bank						10.80%	0.00		0.00	0.00	0.00				
Unsecured Loans			all						0.00	0.00	0.00	0.00	0.00	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						0.00	0.00	0.00	0.00	0.00	0.00			
												0.00					
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 Unsecured Loans			all						0.00	0.00	0.00	0.00	0.00	0.00			
												0.00					
TOTAL			**all**						7013.32	0.00	1189.52	5823.80	565.76	1789.47			

Year 5	FY2028-29															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						5823.80	0.00	1212.60	4611.20	454.46	2072.68			
Bonds			all						301.49	0.00	0.00	301.49	0.00	0.00			
FRP BONDS									301.49			301.49					
												0.00					
Debentures			all						0.00	0.00	0.00	0.00	0.00	0.00			
												0.00					
Borrowings for working capital			all						4579.84	0.00	1142.21	3437.63	373.73	2072.68			
PFC		PFC				0.00	10.00	9.50%	1817.08		373.51	1443.57	154.88	1082.57			
REC		REC				0.00	10.00	9.51%	1518.22		337.56	1180.66	128.33	990.11			
PTC		PTC				0.00	5.00	11.40%	0.00			0.00	0.00	0.00			
Loan Bifurcation from TSNPDCL		TSNPDCL							16.14			16.14					
FRP-9.95% Unsecured Bonds - I		A.P.Genco							0.00			0.00					
FRP- Conversion of STL to Term Loans		Bank of India & IOB				0.00	5.00	9.00%	0.00		0.00	0.00	0.00				
Funds from State Government and Institution approved by State Government			all						0.00			0.00		0.00			
APTRANSCO STL						0.00	2.00	7.00%	64.18		64.18	0.00	2.25				
IREDA						0.00	2.00	10.67%	0.00		0.00	0.00	0.00				
APGECL									0.00			0.00					
NREADCAP									0.00			0.00					
APPFCL						0.00	5.00	9.00%	1164.22		366.96	797.26	88.27				
Other Secured Loans			all						942.47	0.00	70.39	872.08	80.73	0.00			
REC Ltd		REC										0.00					
JBIC (Monthly)		REC				3.00	10.00	10.47%	0.00	0.00	0.00	0.00	0.00				
JBIC (Qty)		REC				3.00	10.00	10.12%	0.00		0.00	0.00	0.00				
Indiramma (Monthly)		REC				3.00	10.00	11.15%	0.00		0.00	0.00	0.00				
LED Light		REC				3.00	10.00	11.00%	0.00		0.00	0.00	0.00				
HVDS		REC				3.00	10.00	10.50%	4.39		4.39	0.00	0.23				
RGGVY		REC				3.00	10.00	10.28%	0.00		0.00	0.00	0.00				
DDG		REC				3.00	10.00	10.58%	5.41		0.48	4.93	0.55				
AGL 9 Hours Supply		REC				3.00	10.00	11.00%	40.73		10.39	30.34	3.91				
AGL Solar Pumpsets		REC				3.00	10.00	10.40%	21.53		8.60	12.93	1.79				
Energy Efficient Pump sets		REC				3.00	10.00	10.00%	21.43		6.65	14.78	1.81				
DDUGJY		REC				3.00	10.00	10.85%	32.90		9.86	23.04	3.03				
Solar Off Grid pumpsets		REC				3.00	10.00	10.50%	30.77		11.18	19.59	2.64				
Term Loan REC (world bank) Power for All		REC				3.00	10.00	8.75%	57.90		7.28	50.62	4.75				
Interest free schemes									24.61		0.00	24.61	0.00				
24x7 PFA IBRD								2.34%	81.64		0.00	81.64	1.91				
24x7 PFA AIIB								2.34%	54.42		0.00	54.42	1.27				
PFC Ltd.																	
R-APDRP (Part -A)		PFC				1.00	15.00	10.75%	0.00			0.00					
R-APDRP (Part -B)-75%		PFC				1.00	15.00	10.75%	15.18		3.31	11.87	1.45				
R-APDRP (Part -B)-25%		PFC				1.00	15.00	0.00%	0.00			0.00	0.00				
R-APDRP SCADA Part-A		PFC				1.00	15.00	0.00%	0.00			0.00	0.00				
R-APDRP SCADA Part-B		PFC				1.00	15.00	9.60%	1.47		0.30	1.17	0.13				
IPDS		PFC				1.00	15.00	10.25%	45.91		6.51	39.40	4.37				
PFC GEL (Solar Pumpsets loan)		PFC GEL				1.00	15.00	10.85%	7.31		1.08	6.23	0.73				
PFC IPDS IT		PFC				1.00	15.00	10.25%	2.69		0.36	2.33	0.26				
YSR Jagananna Colonies		PFC				1.00	10.00	10.50%	494.18		0.00	494.18	51.89				
CC Limits for Working capital		SBI & Andhra Bank, Sydicate Bank						10.80%	0.00		0.00	0.00	0.00				
Unsecured Loans			all						0.00	0.00	0.00	0.00	0.00	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						0.00	0.00	0.00	0.00	0.00	0.00			
												0.00					
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 Unsecured Loans			all						0.00	0.00	0.00	0.00	0.00	0.00			
												0.00					
TOTAL			**all**						5823.80	0.00	1212.60	4611.20	454.46	2072.68			

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							
															0.00							
															0.00							
															0.00							
															0.00							
															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							
															0.00							
															0.00							
															0.00							
															0.00							
															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 **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							
															0.00							
															0.00							
															0.00							
															0.00							
															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							
															0.00							
															0.00							
															0.00							
															0.00							
															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 **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							
															0.00							
															0.00							
															0.00							
															0.00							
															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							
															0.00							
															0.00							
															0.00							
															0.00							
															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 **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							
															0.00							
															0.00							
															0.00							
															0.00							
															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							
															0.00							
															0.00							
															0.00							
															0.00							
															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							
															0.00							
															0.00							
															0.00							
															0.00							
															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							
															0.00							
															0.00							
															0.00							
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															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 **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							
															0.00							
															0.00							
															0.00							
															0.00							
															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							
															0.00							
															0.00							
															0.00							
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															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		510.91	547.83	572.68	352.24	388.44	428.96	
SUNDRY DEBTORS		6123.71	6736.08	7409.69	8150.66	8965.73	9862.30	
CASH AND BANK		161.57	169.65	178.14	187.04	196.39	206.21	
LOANS AND ADVANCES		0.00	0.00	0.00	0.00	0.00	0.00	
OTHER CURRENT ASSETS		10245.76	10397.39	10563.72	10738.09	10931.24	11146.37	
GRAND TOTAL		**17041.96**	**17850.95**	**18724.22**	**19428.03**	**20481.81**	**21643.84**	

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		9136.04	7925.77	6800.90	5691.86	4579.84	3437.63
b) Trade Payables		1692.48	1917.93	1994.67	2024.74	2253.84	2515.08
c) Other current liabilities		711.63	1068.77	1438.35	1577.48	1692.46	1792.78
d) Short term Provisions		974.47	1003.70	1033.81	1064.83	1096.77	1129.67
e) Lease Liabilities		0.00	0.00	0.00	0.00	0.00	0.00
f) Other Financial Liabilities		595.74	613.61	632.02	650.98	670.51	690.63
GRAND TOTAL		**13110.36**	**12529.79**	**11899.75**	**11009.89**	**10293.42**	**9565.80**

Form 1.1n - RESERVES **Amount in Rs.Crore**

This form pertains to the total reserves
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
Consumer Contributions		524	591	665	746	836	936
General Reserve		-7810	-7401	-7408	-7427	-7440	-7457
Contingency Reserve		0	0	0	0	0	0
Grants		497	40	10	8	6	4
GRAND TOTAL		**-6789.2**	**-6769.9**	**-6733.5**	**-6672.5**	**-6597.4**	**-6517.4**

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		40.53	52.91	100.21	167.61	206.69	219.92
Adjustments for depreciation		567.91	503.02	642.59	973.56	1295.84	1442.69
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)		423.32	743.06	1102.67	1524.71	1668.24	1790.51
Less: Withdrawal of Dep. On CC assets		260.00	267.80	275.83	284.11	292.63	301.41
Operating income before working capital charges		**772**	**1,031**	**1,570**	**2,382**	**2,878**	**3,152**
Decrease / (increase) in trade and other receivables		-1992.66	-763.99	-839.94	-915.35	-1008.21	-1111.70
Decrease / (increase) in inventories		-4.30	-36.92	-24.85	220.44	-36.21	-40.52
Decrease / (increase) in miscellaneous expenditure not written off		-89.59	386.37	399.70	170.14	146.92	133.23
Interest to consumers on security deposit							
Increase/(Decrease) in trade payables		7057.22	2012.00	2022.53	1858.37	2086.50	2339.52
Cash generated from operations		***5742.42***	***2628.65***	***3127.08***	***3715.39***	***4067.13***	***4472.25***
Interest paid							
Provision for Income Tax		25.79	33.67	63.77	106.66	131.53	139.95
Extraordinary gain / (loss)							
Net cash from generated from operating activities		***5768.21***	***2662.32***	***3190.84***	***3822.04***	***4198.66***	***4612.20***
Cash Flows from Investing Activities							
Acquisition of subsidiary							
Purchase of Fixed Assets (Including Interest capitalised)		-1623.21	-2835.23	-6412.36	-6319.68	-3107.82	-3233.69
Reserves in Government Bonds							
Interest received							
Dividends received							
Purchase of Other Investment Activities		0.01	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		-2890.37	-2086.70	1142.28	3140.29	-86.08	-136.97
Accumulated interest on investments through contingency reserve							
Net cash used in (from) investment activities		***-4513.57***	***-4921.93***	***-5270.09***	***-3179.39***	***-3193.90***	***-3370.65***
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		2756.42	3413.33	3510.42	1454.16	1529.65	1697.24
Repayment of long term debt		-88.09	-81.79	-78.62	-342.44	-682.86	-1026.80
Proceeds from Govt. Subsidies and Grants		1021.02	630.66	674.41	754.01	842.15	939.70
Payment of financial lease liabilities							
Interest Paid		-423.32	-743.06	-1102.67	-1524.71	-1668.24	-1790.51
Dividends paid							
Net cash from (used in) financing activities		***3266.03***	***3219.15***	***3003.53***	***341.01***	***20.69***	***-180.37***
Net Change in Cash Equivalents		**4520.67**	**959.54**	**924.29**	**983.66**	**1025.45**	**1061.18**
Cash and Cash Equivalents at Beginning of Year		153.88	161.57	169.65	178.14	187.04	196.39
Cash and Cash Equivalents at End of Year		**161.57**	**169.65**	**178.14**	**187.04**	**196.39**	**206.21**

Form 1.3a -Operation and Maintenance Expeses

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

Particulars	D-Link	2023-24 (Base Year)	2024-25	2025-26	2026-27	2027-28	2028-29
Operation & Maintenance Expenses		2,489	2,835	3,248	3,757	4,303	4,836
Employee Cost		2,136	2,431	2,765	3,120	3,512	3,953
Administrative & General Expenses		133	151	172	194	219	246
Repair & Maintenance Expenses		220	253	311	443	572	636
Technical Details							
Total No of consumers		72,15,118	77,01,451	82,05,196	85,00,146	88,07,146	91,26,760
LT consumers		72,10,229	76,96,311	81,99,788	84,94,448	88,01,141	91,20,420
HT consumers		4,889	5,140	5,408	5,698	6,005	6,340
HT 11kV Consumers		4,466	4,700	4,951	5,221	5,510	5,822
HT 33 kV consumers		339	354	369	385	401	420
HT132 kV consumers		84	86	88	92	94	98
Numer of Substations		1,083	1,207	1,341	1,480	1,623	1,776
Capacity of Substations (MVA)		9,544	10,164	10,834	11,529	12,244	13,009
Peak Demand (MW)		3,812	4,060	4,328	4,605	4,889	5,194
Total Length (ckt-km)		1,69,630	1,75,377	1,81,516	1,87,816	1,94,266	2,01,151
LT Line Length		95,029	97,463	1,00,055	1,02,706	1,05,417	1,08,307
11 kV Line Length		65,033	67,467	70,059	72,710	75,421	78,311
33 kV Line Length		9,568	10,447	11,402	12,401	13,428	14,532
Number of DTRs		3,07,495	3,16,715	3,26,615	3,36,685	3,47,045	3,58,105
Number of PTRs		1,679	1,837	2,009	2,186	2,365	2,551
Number of Feeders		5,403	6,027	6,703	7,403	8,123	8,894
Energy Input (MU)							
Total Sales (MU)		26,992	28,950	31,029	33,101	35,338	37,771
LT Sales		14,024	15,084	16,218	17,259	18,375	19,571
HT Sales		12,968	13,865	14,812	15,841	16,962	18,200
11 kV Sales		2,414	2,508	2,609	2,716	2,830	2,951
33 kV Sales		2,773	2,954	3,148	3,356	3,580	3,820
132 kV Sales		7,781	8,403	9,055	9,769	10,553	11,428

Circle wise Details

Circle 1 (Please enter the circle name below)
SRIKAKULAM

Particulars	D-Link	Base Year	Year 1	Year 2	Year 3	Year 4	Year 5
Operation & Maintenance Expenses		**289.04**	**325.14**	**368.11**	**422.03**	**478.76**	**533.23**
Employee Cost		248.08	278.77	313.34	350.49	390.77	435.96
Administrative & General Expenses		15.43	17.34	19.50	21.81	24.32	27.14
Repair & Maintenance Expenses		25.53	29.03	35.27	49.72	63.66	70.13
Technical Details							
Total No of consumers		**952632**	**1006332**	**1061555**	**1091479**	**1122409**	**1154392**
LT consumers		952114	1005779	1060965	1090846	1121732	1153665
HT consumers		**518**	**553**	**590**	**633**	**677**	**727**
HT 11kV Consumers		490	524	561	602	646	695
HT 33 kV consumers		20	21	21	22	22	23
HT132 kV consumers		8	8	8	9	9	9
Number of Substations		113	124	136	149	162	176
Capacity of Substations (MVA)		696.2	751.2	811.2	876.2	941.2	1011.2
Peak Demand (MW)		262	284	306	331	355	381
Total Length (ckt-km)		**24921.72**	**25730.61**	**26571.04**	**27470.43**	**28360.68**	**29309.88**
LT Line Length		15108.23	15446.38	15793.66	16163.79	16529.35	16917.76
11 kV Line Length		8315.04	8653.19	9000.47	9370.60	9736.16	10124.57
33 kV Line Length		1498.45	1631.05	1776.92	1936.04	2095.17	2267.56
Number of DTRs		25630	26370	27130	27940	28740	29590
Number of PTRs		145	159	175	192	210	229
Number of Feeders		506	555	609	667	725	788
Energy Input (MU)							
Total Sales (MU)		**1810.53**	**1976.31**	**2127.79**	**2270.99**	**2425.21**	**2591.37**
LT Sales		1011.46	1101.16	1197.20	1280.29	1369.31	1464.72
HT Sales		**799.07**	**875.15**	**930.59**	**990.70**	**1055.90**	**1126.65**
11 kV Sales		184.85	200.49	217.59	236.30	256.77	279.17
33 kV Sales		240.14	261.12	284.02	309.02	336.30	366.07
132 kV Sales		374.08	413.54	428.98	445.39	462.84	481.41

Circle 2 (Please enter the circle name below)
VIZIANAGARAM

Particulars	D-Link	Base Year	Year 1	Year 2	Year 3	Year 4	Year 5
Operation & Maintenance Expenses		**287.44**	**323.43**	**365.01**	**415.71**	**470.42**	**521.21**
Employee Cost		246.69	277.30	310.69	345.24	383.96	426.13
Administrative & General Expenses		15.35	17.26	19.34	21.49	23.91	26.54
Repair & Maintenance Expenses		25.39	28.88	34.97	48.98	62.55	68.55
Technical Details							
Total No of consumers		**838152**	**894206**	**952270**	**986740**	**1022529**	**1059690**
LT consumers		837772	893808	951852	986301	1022066	1059200
HT consumers		**380**	**398**	**418**	**439**	**463**	**490**
HT 11kV Consumers		342	357	373	391	411	432
HT 33 kV consumers		23	25	28	30	33	37
HT132 kV consumers		15	16	17	18	19	21
Number of Substations		123	134	145	156	168	180
Capacity of Substations (MVA)		779.2	834.2	889.2	944.2	1004.2	1064.2
Peak Demand (MW)		255	272	291	309	328	348
Total Length (ckt-km)		**22719.75**	**23450.08**	**24204.65**	**24943.07**	**25697.15**	**26491.62**
LT Line Length		13768.27	14095.50	14434.86	14766.13	15101.45	15456.97
11 kV Line Length		8018.39	8345.63	8684.98	9016.26	9351.58	9707.09
33 kV Line Length		933.09	1008.95	1084.81	1160.67	1244.12	1327.57
Number of DTRs		26964	27774	28614	29434	30264	31144
Number of PTRs		153	168	184	200	216	232
Number of Feeders		555	605	655	705	759	813
Energy Input (MU)							
Total Sales (MU)		**3323.50**	**3610.22**	**3922.15**	**4243.23**	**4594.24**	**4984.75**
LT Sales		962.94	1042.45	1127.06	1198.06	1273.63	1354.11
HT Sales		**2360.56**	**2567.78**	**2795.09**	**3045.16**	**3320.61**	**3630.64**
11 kV Sales		137.92	143.24	149.06	155.47	162.60	170.59
33 kV Sales		429.52	457.03	485.92	516.65	549.34	584.10
132 kV Sales		1793.11	1967.51	2160.11	2373.04	2608.68	2875.95

Circle 3 (Please enter the circle name below)
VISAKHAPATNAM

Particulars	D-Link	Base Year	Year 1	Year 2	Year 3	Year 4	Year 5
Operation & Maintenance Expenses		**565.87**	**640.46**	**728.02**	**841.45**	**961.86**	**1078.84**
Employee Cost		485.65	549.09	619.67	698.79	785.06	882.01
Administrative & General Expenses		30.24	34.19	38.59	43.52	48.90	54.94
Repair & Maintenance Expenses		49.99	57.18	69.76	99.14	127.91	141.89
Technical Details							
Total No of consumers		**1824687**	**1945720**	**2073034**	**2179591**	**2291713**	**2409698**
LT consumers		1822963	1943907	2071127	2177586	2289604	2407477
HT consumers		**1724**	**1813**	**1907**	**2005**	**2109**	**2221**
HT 11kV Consumers		1539	1622	1710	1802	1900	2004
HT 33 kV consumers		148	153	158	163	168	174
HT132 kV consumers		37	38	39	40	41	43
Number of Substations		259	283	308	336	364	394
Capacity of Substations (MVA)		2122.3	2242.3	2367.3	2507.3	2647.3	2797.3
Peak Demand (MW)		871	921	973	1031	1088	1150
Total Length (ckt-km)		**34527.74**	**35909.05**	**37347.61**	**38902.41**	**40469.55**	**42132.69**
LT Line Length		19741.79	20349.54	20981.96	21660.66	22345.53	23070.51
11 kV Line Length		12748.79	13356.53	13988.96	14667.65	15352.52	16077.50
33 kV Line Length		2037.16	2202.98	2376.69	2574.09	2771.49	2984.68
Number of DTRs		52659	54629	56679	58879	61099	63449
Number of PTRs		383	415	450	486	523	562
Number of Feeders		1290	1410	1535	1675	1815	1965
Energy Input (MU)							
Total Sales (MU)		**9462.56**	**10086.28**	**10755.11**	**11450.26**	**12196.60**	**13007.77**
LT Sales		2804.62	2973.49	3151.67	3317.19	3491.46	3675.19
HT Sales		**6657.94**	**7112.78**	**7603.44**	**8133.07**	**8705.14**	**9332.57**
11 kV Sales		926.21	969.61	1015.47	1063.95	1115.22	1169.46
33 kV Sales		1275.11	1373.42	1479.57	1594.19	1717.98	1851.67
132 kV Sales		4456.62	4769.76	5108.40	5474.93	5871.95	6311.45

Circle 4 (Please enter the circle name below)
RAJAMAHENDRAVARAM

Particulars	D-Link	Base Year	Year 1	Year 2	Year 3	Year 4	Year 5
Operation & Maintenance Expenses		**587.88**	**673.28**	**774.37**	**894.62**	**1022.06**	**1146.82**
Employee Cost		504.55	577.24	659.14	742.95	834.20	937.60
Administrative & General Expenses		31.40	35.93	41.03	46.26	51.95	58.40
Repair & Maintenance Expenses		51.93	60.11	74.20	105.41	135.91	150.83
Technical Details							
Total No of consumers		**1985588**	**2125343**	**2269189**	**2336972**	**2407023**	**2479433**
LT consumers		1984272	2123960	2267734	2335439	2405408	2477730
HT consumers		**1316**	**1383**	**1455**	**1533**	**1615**	**1703**
HT 11kV Consumers		1221	1284	1352	1425	1502	1585
HT 33 kV consumers		78	82	86	91	96	101
HT132 kV consumers		17	17	17	17	17	17
Numer of Substations		247.00	278.00	311.00	344.00	377.00	413.00
Capacity of Substations (MVA)		2342.00	2497.00	2662.00	2827.00	2992.00	3172.00
Peak Demand (MW)		994	1059	1129	1198	1269	1345
Total Length (ckt-km)		**34821.34**	**36016.26**	**37302.95**	**38561.08**	**39851.84**	**41237.41**
LT Line Length		18508.56	19006.20	19542.60	20064.72	20603.15	21178.30
11 kV Line Length		14551.73	15049.38	15585.77	16107.89	16646.33	17221.47
33 kV Line Length		1761.05	1960.68	2174.58	2388.47	2602.36	2837.64
Number of DTRs		81049	83489	86119	88679	91319	94139
Number of PTRs		400	436	473	510	548	587
Number of Feeders		1269	1428	1598	1768	1938	2123
Energy Input (MU)							
Total Sales (MU)		**5677.86**	**6092.46**	**6540.07**	**6964.50**	**7425.59**	**7927.53**
LT Sales		3965.97	4285.45	4627.03	4932.86	5260.75	5612.57
HT Sales		**1711.88**	**1807.01**	**1913.03**	**2031.64**	**2164.83**	**2314.96**
11 kV Sales		677.47	692.49	708.23	724.74	742.08	760.31
33 kV Sales		364.01	375.77	388.18	401.30	415.17	429.88
132 kV Sales		670.40	738.75	816.62	905.61	1007.58	1124.77

Circle 5 (Please enter the circle name below)
ELURU

Particulars	D-Link	Base Year	Year 1	Year 2	Year 3	Year 4	Year 5
Operation & Maintenance Expenses		**758.39**	**872.89**	**1012.76**	**1183.50**	**1370.28**	**1555.47**
Employee Cost		650.87	748.36	862.03	982.83	1118.38	1271.65
Administrative & General Expenses		40.52	46.60	53.69	61.23	69.68	79.25
Repair & Maintenance Expenses		67.00	77.93	97.04	139.44	182.21	204.57
Technical Details							
Total No of consumers		**1614059**	**1729850**	**1849148**	**1905364**	**1963472**	**2023547**
LT consumers		1613108	1728857	1848110	1904276	1962331	2022348
HT consumers		**951**	**993**	**1038**	**1088**	**1141**	**1199**
HT 11kV Consumers		874	913	955	1001	1051	1106
HT 33 kV consumers		70	73	76	79	82	85
HT132 kV consumers		7	7	7	8	8	8
Numer of Substations		341	388	441	495	552	613
Capacity of Substations (MVA)		3604.50	3839.50	4104.50	4374.50	4659.50	4964.50
Peak Demand (MW)		1430	1524	1629	1736	1848	1969
Total Length (ckt-km)		**52639.59**	**54271.01**	**56089.58**	**57939.34**	**59886.75**	**61979.26**
LT Line Length		27902.40	28565.50	29301.81	30050.33	30837.50	31683.65
11 kV Line Length		21399.43	22062.52	22798.83	23547.35	24334.52	25180.67
33 kV Line Length		3337.76	3643.00	3988.94	4341.66	4714.73	5114.93
Number of DTRs		121193	124453	128073	131753	135623	139783
Number of PTRs		598	659	727	798	868	941
Number of Feeders		1783	2029	2306	2588	2886	3205
Energy Input (MU)							
Total Sales (MU)		**6718.05**	**7184.35**	**7684.31**	**8171.78**	**8695.92**	**9259.88**
LT Sales		5279.38	5681.90	6114.57	6531.02	6980.12	7464.75
HT Sales		**1438.67**	**1502.45**	**1569.74**	**1640.77**	**1715.80**	**1795.14**
11 kV Sales		487.39	502.43	518.31	535.10	552.91	571.86
33 kV Sales		464.12	486.66	510.32	535.16	561.25	588.63
132 kV Sales		487.16	513.36	541.11	570.50	601.65	634.65

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		**2488.63**	**2835.20**	**3248.26**	**3757.31**	**4303.38**	**4835.57**
R&M expenses		219.85	253.12	311.24	442.70	572.25	635.96
A&G expenes		132.94	151.32	172.15	194.31	218.76	246.26
Employee expenses		2135.84	2430.76	2764.86	3120.30	3512.37	3953.35
O&M Stores		26.38	30.37	37.35	53.12	68.67	76.32
Working Capital Requirement (1/12th of total O&M Expenses+ O&M Stores)		**233.77**	**266.64**	**308.04**	**366.23**	**427.28**	**479.28**

Form 1.3i - Other Expenses

Particulars	D-Link	Amount in Rs. Crore					
		Base Year	Year 1	Year 2	Year 3	Year 4	Year 5
Other expenses		5.00	5.15	5.30	5.46	5.63	5.80
TOTAL OTHER EXPENSES		**5.00**	**5.15**	**5.30**	**5.46**	**5.63**	**5.80**

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		21082.08	22467.35	24025.40	25503.29	27087.98	28786.41
(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	X		2772.91	2954.01	3148.02	3356.32	3580.03	3820.35
(iv)	Energy delivered/required into 11 KV and LT System from 33/11 KV SS	C		17619.79	18762.93	20077.33	21300.26	22611.34	24016.11
	Losses (33 kV System)	**(A + B) - (C + X)**		**689.38**	**750.41**	**800.05**	**846.71**	**896.61**	**949.95**
	% Losses (33 kV System)	**100 x [(A+B)-(C+X)] / (A+B)**		**3.27%**	**3.34%**	**3.33%**	**3.32%**	**3.31%**	**3.30%**
II. Losses in 11 KV System and Connected Equipment									
(i)	Energy delivered/required into 11 KV system from 33/11kV SSs	C		17619.79	18762.93	20077.33	21300.26	22611.34	24016.11
(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		17619.79	18762.93	20077.33	21300.26	22611.34	24016.11
(v)	Energy consumed by HT consumers at 11KV Sales	Y		2413.84	2508.26	2608.65	2715.55	2829.57	2951.38
(vi)	Total Output from 11kV to LT	F		14666.78	15618.61	16790.07	17866.89	19022.03	20260.19
	Losses (11kV System)	**(C + D + E) - (Y + F)**		**539.17**	**636.06**	**678.61**	**717.82**	**759.74**	**804.54**
	% Losses (11kV System)	**[(C+D+E)-(Y+F)] x 100 / (C+D+E)**		**3.06%**	**3.39%**	**3.38%**	**3.37%**	**3.36%**	**3.35%**

Particulars			D - Link	Base Year	Year 1	Year 2	Year 3	Year 4	Year 5
III. Losses in LT system and connected equipment									
(i)	Energy delivered/required to LT system from 11/400 V DTRs	F		14666.78	15618.61	16790.07	17866.89	19022.03	20260.19
(ii)	Energy sold to metered categories	Z		11568.85	12506.15	13510.31	14416.83	15390.57	16437.40
(iii)	Energy sold to un-metered categories	N		2455.53	2578.30	2707.22	2842.58	2984.71	3133.94
	Losses (LT System)	**F-(Z+N)**		**642.40**	**534.16**	**572.54**	**607.47**	**646.75**	**688.85**
	% Losses (LT System)	**[F-(Z+N)] x 100 / (F)**		**4.38%**	**3.42%**	**3.41%**	**3.40%**	**3.40%**	**3.40%**
IV. Total losses in the Distribution System									
(i)	Total Input to the distribution system	A + B + D + E		21082.08	22467.35	24025.40	25503.29	27087.98	28786.41
(ii)	Total Output from the Distribution Sytem	X + Y + Z + N		19211.12	20546.72	21974.20	23331.29	24784.87	26343.07
(iii)	EHT Sales	G		7781.37	8402.91	9055.23	9769.47	10552.69	11428.23
	Distribution System Losses	**(A + B + D + E)-(X + Y + Z + N)**		1870.95	1920.63	2051.20	2172.00	2303.10	2443.34
	% Distribution System Losses (Excluding EHT Sales)	**[(A+B+D+E)-(X+Y+Z+N)] x 100 / (A+B+D+E)**		**8.87%**	**8.55%**	**8.54%**	**8.52%**	**8.50%**	**8.49%**
	% Distribution System Losses (Including EHT Sales)	**[(A+B+D+E)-(X+Y+Z+N)] x 100 / (A+B+D+E +G)**		**6.48%**	**6.22%**	**6.20%**	**6.16%**	**6.12%**	**6.08%**

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		2561.35	726.31	202.00	3085.66	
Grants		580.84	555.03	58.32	1077.55	
Total		**3142.19**	**1281.34**	**260.32**	**4163.21**	

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		3085.66	798.94	208.06	3676.54	
Grants		1077.55	99.85	60.07	1117.33	
Total		**4163.21**	**898.79**	**268.13**	**4793.87**	

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		3676.54	878.83	214.30	4341.07	
Grants		1117.33	71.75	61.87	1127.21	
Total		**4793.87**	**950.58**	**276.17**	**5468.28**	

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		4341.07	966.72	220.73	5087.05	
Grants		1127.21	71.75	63.73	1135.24	
Total		**5468.28**	**1038.47**	**284.46**	**6222.29**	

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		5087.05	1063.39	227.35	5923.09	
Grants		1135.24	71.75	65.64	1141.35	
Total		**6222.29**	**1135.14**	**292.99**	**7064.44**	

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		5923.09	1169.73	234.17	6858.64	
Grants		1141.35	71.75	67.61	1145.49	
Total		**7064.44**	**1241.48**	**301.78**	**8004.13**	

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.)		2915.28	3163.00	3923.18	5597.46	6993.13	7900.64
Wheeling revenue from current tariffs (Rs. Cr)*		2636.58	2875.94	3627.51	5292.91	6679.45	7577.55
Non Tariff Income (Rs. Cr)		278.70	287.06	295.67	304.54	313.68	323.09
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.)		2915.28	3163.00	3923.18	5597.46	6993.13	7900.64
Wheeling revenue from proposed tariffs (Rs. Cr)*		2636.58	2875.94	3627.51	5292.91	6679.45	7577.55
Non Tariff Income (Rs. Cr)		278.70	287.06	295.67	304.54	313.68	323.09
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		2.80	2.88	2.97	3.06	3.15	3.25
ii) Fines & Penalties from Suppliers & Contractors		6.44	6.63	6.83	7.04	7.25	7.47
iii) Profit on Sale of Scrap		6.44	6.63	6.83	7.04	7.25	7.47
iv) Sale of Tender Schedules		0.00	0.00	0.00	0.00	0.00	0.00
v) Rental from Contractors		0.00	0.00	0.00	0.00	0.00	0.00
vi) Supervision Charges		0.00	0.00	0.00	0.00	0.00	0.00
vii) Miscellaneous Income		0.98	1.01	1.04	1.07	1.10	1.14
viii) Withdrawal from Consumer Contribution towards Depreciation on Fixed Assets		260.00	267.80	275.83	284.11	292.63	301.41
ix) interest from banks & Investments		2.04	2.10	2.16	2.23	2.30	2.36
TOTAL Non Tariff Income		**278.70**	**287.06**	**295.67**	**304.54**	**313.68**	**323.09**