

INTEGRATED POWER DEVELOPMENT SCHEME
(IPDS)

State

Haryana

**Name of Govt Utility
Implementing Project**

DHBVN

**Name of the Project Area
(Circle/ Zone/ Utility)**

Faridabad/Delhi/DHBVN

Detail Project Report

**Strengthening of sub-transmission & distribution network
including metering**

Ref no. of DPR

IPDS/DHBVN/Faridabad

Submitted to

POWER FINANCE CORPORATION LTD.

Date of Submission

POWER FINANCE CORPORATION LTD.
Detail Project Report
Index

S. NO.	Table of Contents	Page Number
1	Input Data for Detailed Project Report	1
2	Guidelines for DPR Preparation & Implementation	2-3
3	Declaration	4
4	Executive Summary	5
5	Background	6
6	Volume I: Project Area Details	7
7	Volume IIa: SUMMARY Project Cost	8
8	Estimated Project Cost - Bill of Quantities	9 onwards
9	Cost Benefit	Annexure-1
10	Project area asset detail	Annexure-2
11	Details-Proposed (Justification)	Annexure-3

POWER FINANCE CORPORATION LTD.**Detail Project Report****INPUT DATA**

Utility Details		
Name of State	Haryana	
Name of Govt Utility Implementing Project (Expanded Name)	INTEGRATED POWER DEVELOPMENT SCHEME	
Name of Govt Utility Implementing Project (Short Name)	IPDS	
Name of Pvt/Distribution Franchisee (in case of Pvt/DF/ Cooperative Society)		

Contact Details of Nodal Officer (Govt Utility Implementing Project)

Name	Er. K.K Gupta	
Designation	CE PD&C	
Address	Vidyut Sadan DHBVN, Hisar	
Phone Office	01662-223216	
Mobile No.	9812452524	
Fax	01662-223181	
E-mail	cepdcdhbn@gmail.com	

Utility level AT&C loss	Unit	AT&C Loss for FY 2014-15
AT&C loss as provided by PFC in latest "Report on Performance of State Power Utilities"	%	24.09%

Project Area Details

Name of the Project Area Circle	Faridabad	
Nos. of towns covered	1	
Total Population of all towns covered in project area	14,38,855	
Nos. of Consumers in all towns covered in the project area	3.62 Lacs	

Contact Details of Project Area Incharge (Govt/Govt Authorised Agency)

Name	Mr. Mukesh Kumar Gupta	
Designation	Superintending Engineer	
Address	Sector-23, Faridabad	
Phone Office	0129-2233277	
Mobile No.	9540954700	
Fax	0129-2238177	
E-mail	se.faridabad@gmail.com	

Data for AT&C Losses Computation for Project Area (All statutory towns of the Circle)	Unit	Data for Previous FY 2014-15
Energy Input	M Units	29164.14
Energy Sales	M Units	24050.10
Total Revenue Billed	Rs. Lac	157019.42
Total Revenue Collected (excluding arrears)	Rs. Lac	162859.32
Billing Efficiency	%	82.46%
Collection Efficiency	%	103.72%
AT&C Losses	%	14.47%

Dedicated team:		
HQ Level	Field Level	
Name & Designation	Name, Designation & Area	
Er. R.K Sodha	Er. Sachin Yadav Xen (OP) Divn NIT Faridabad	
SE/P&D DHBVN Hisar	Er. Joginder Hooda Xen (OP) Divn OLD Faridabad	
	Er. Manoj Yadav Xen (OP) Divn Ballabgarh	
	Er. M.L. Rohila Xen (OP) Divn Greater Faridabad	

Date of Submission of Proposal	Date	
DPR Ref No.	No.	IPDS/DHBVN/Faridabad
Proposed Project Start Date	Month-Year	
Proposed Month of Completion	Month-Year	

POWER FINANCE CORPORATION LTD.
Detail Project Report
Guidelines for DPR Preparation & Implementation

The DPR shall be prepared, base on IPDS guidelines as issued from MoP, GoI. Some salient features of IPDS guidelines & additional guidelines for DPR preparation is mentioned below. In case of any mis-match between IPDS guideline issued from MoP & DPR guideline as mentioned below, the IPDS guideline as issued from MoP, GoI shall prevail.

1	DPR is to be prepared based on the broad scope of work validated by Nodal agency at 1st Stage during discussion with utility on NAD, on detailed field survey and latest approved schedule of rates for various items of work. The DPRs shall be duly recommended by the Distribution Reforms Committee (DRC) at the State level. The Nodal Agency will separately provide comparable costs sourced from CPSUs for major equipment for reference of the utility. These reference rates shall be used as ceiling rates for sanctioning of the projects
2	The DPR under the scheme has been formulated for urban areas (Statutory Towns) only
3	In case of private sector Discoms where the distribution of power supply in urban areas is with them, projects under the scheme will be implemented through a concerned State Government Agency and the assets to be created under the scheme will be owned by the State Government / State owned companies. The areas under franchisee shall be covered under the scheme subject to compliance with the terms & conditions of their respective agreements and Cooperative Societies shall also be eligible, but they would be required to submit Audited statements annually regarding the utilization under the approved project through State Cooperative Department and the concerned Discom. Further, all the projects need to be recommended by the State Level DRC.
4	In case of private sector Discoms/Distribution Franchisee/Co-operative Societies, the DPR shall be submitted to PFC by its State Govt Agency.
5	The circle/zone/Utility wise DPRs shall be prepared by the utility and recommended by Distribution Reforms Committee (DRC) at State level. To avoid duplication of works with scope already sanctioned under RAPDRP scheme, Utility shall indicate the additional work component proposed under IPDS DPRs with comparative BOQ for such R-APDRP project area.
6	BoQ for R-APDRP towns in the project area to be filled in Sheet Vol II.b and BoQ for non-RAPDRP towns to be filled in sheet Vol II.c.
7	For ERP & IT component a separate consolidated DPR shall be prepared by respective state.
8	For linking of all 33 KV or 66 KV grid substations/billing offices/Regional/Circle/Zonal offices of Discoms with optic fiber network of NOFNA, a separate and consolidated DPR shall be prepared by the respective utility in consultation with BBNL or any designated agency like BSNL, RailTel, PGCIL etc.
9	The projects shall be implemented on turn-key basis. However, in exceptional circumstances, execution on partial turnkey/departmental basis (to be proposed by utility along with respective DPR duly recommended by DRC) shall be permitted with the approval of the Monitoring Committee.
10	In either mode of implementation (turnkey/partial turnkey/departmental), the maximum time limit for completion of the project viz award and implementation shall not be beyond thirty months from date of communication of the approval of the Monitoring committee.
11	An appropriate Project Management Agency (PMA) will be appointed preferably utility-wise to assist them in project management ensuring timely implementation of the project.
12	The work(s) already executed/to be executed under R-APDRP/NEF/GOI other scheme, etc is/are not eligible under IPDS.
13	The works proposed in the DPR shall aim for meeting utility level AT&C loss reduction trajectory as finalised by MoP in consultation of state utilities (The committed AT&C loss reduction trajectory is given in Annexure-I)
14	Utility to ensure installation of bounadry meters for ring fencing of Non-RAPDRP Towns having population more than 5000.
15	The Utility will have to certify that the DPR is in line with guidelines issued by Ministry of Power/ PFC for IPDS & DRC clearance has been obtained, before the same is forwarded to PFC for consideration of sanction.
16	Utility shall ensure timely availability of any other infrastructure or facilities that are essential for implementation of IPDS works but are not in the scope of Contractor viz. land acqusition, RoW, pole location etc.
17	Utility shall provide detailed informantion regarding existitng infrastructure, any bottleneck in implementation of the works and the works proposed in the project to the Contractor before award of contract.
18	The cost estimates should not include any departmental overhead expenses. All such expenditures should be borne by the utility.
19	No cost escalation shall be admissible for the schemes sanctioned under IPDS. Any additional cost on any account whatsoever to complete the project shall be borne by utility.
20	Distribution Transformers procured under IPDS scheme, shall have efficiency level equivalent / better than that of three star ratings of BEE, where ever BEE standard is applicable. For other DTs, where, BEE standard is not applicable, CEA guidelines shall be followed (available on CEA web site).

21	AMI, Smart meters can be considered for deployment in the towns where SCADA has been/being established under R-APDRP.
22	For Solar Panels - only cost of Solar panels with support structure and Net-meters shall be permissible under IPDS. Utility shall bear cost of associated items.
23	Additional Guideline for DPR preparation
a	Load growth of 05 year in case of HT system & 03 years in case of LT system to be considered for proposing the DPR.
b	For replacement of existing HT & LTCT Electromechanical consumer meters (AMR compatible, open protocol) tamper proof electronic meters and replacement of whole current electromechanical consumer meters, the guidelines of CEA shall be adopted.
c	Service line for new consumers is not eligible in the scheme. In case of installation of meter pillar box or if existing service line is prone to tamper and pilferage the same shall be replaced with armored or XLPE cable for which minimum configuration should be :
	(i) Single Phase consumers: min. 4 sq.mm
	(ii) Three Phase consumers: min. 6 sq.mm
d	Installation of new Distribution Transformers in following cases:
	(i) If the length of LT feeder is more than 300 mtr then new Distribution transformer may be proposed to improve HT: LT ratio.
	(ii) If existing peak load on DT is more than 70% of its rated capacity then new DT may be proposed.
	(iii) Even if the length of LT feeder is below 300 meter but the peak load on the feeder is more than 70% of rated thermal capacity of the conductor, new DT should be installed or conductor should be replaced by higher size.
e	Provision of Isolator, HT fuse / horn gap & LA at each Distribution Transformer, if not provided earlier. Alternatively this isolator, HT fuse / horn gap fuse can be replaced with drop out fuse with On Load maintenance facility thereby reducing system interruptions.
f	Provision of LT distribution box for control and protection of outgoing LT circuits.
g	Each Distribution Transformer of 25 KVA & above shall be provided with minimum two LT feeders.
h	If the peak load on existing 11KV feeder is more than 75% of rated thermal capacity of the conductor, conductor with higher capacity may be proposed or feeder bifurcation may be proposed.
i	If peak load on existing 33/11KV S/S is more than 80% of its transformer capacity, new 33/11KV S/S may be proposed.
j	11 Kv feeder segregation may be proposed for reducing boundary metering points, fixing greater accountability and responsibility etc.
k	Ring Main Unit may be proposed in case of underground cabling area only.
l	Sectionaliser may be proposed in SCADA town only.
m	The Distribution Transformer may be provided with the capacitors of following ratings at LT side:
	(i) 100 KVA : 12 KVR
	(ii) 63 KVA : 8 KVR
	(iii) 40 KVA : 6 KVR
	(iv) 25 KVA : 4 KVR
n	Installation of ABC cables in dense, theft prone & congested areas. Both HT & LT ABC may be proposed. The capacity of ABC shall be 20% more than that of bare conductor, as thermal overloading capacity of ABC is less than Bare conductor.
o	In theft prone area and to improve HT:LT ratio, HVDS may be proposed. Total capacity of HVDS shall be higher by 20% than conventional LT S/S.
p	The following works/ items shall not be eligible for coverage under IPDS scheme:
	(i) Works already sanctioned under other schemes of Govt. of India (like R-APDRP/RGGVY/DDUGJY/NEF etc.). The projects for which any other grant / subsidy from Government of India has already been received / proposed to be received shall not be eligible under this scheme.
	(ii) AMI in the towns where SCADA is not planned under R-APDRP
	(iii) Civil works other than sub station
	(iv) Service lines to new consumers
	(v) GIS survey of consumers
	(vi) Cost of land for sub-stations
	(vii) Compensation towards right of way
	(viii) Distribution automation
	(ix) Office equipment / fixtures
	(x) Spares (other than mandatory spares prescribed by manufacturer)
	(xi) Tools and Plants (T&P)
	(xii) Vehicles
	(xiii) Salaries and Establishment Expenditure

POWER FINANCE CORPORATION LTD.

Detail Project Report

Declaration

This is to certify that:

- 1 Items Proposed in the DPR is for implementation in urban area (Statutory Towns only).
- 2 DPR has been prepared in line with the guidelines of IPDS issued by Ministry of Power / PFC.
- 3 The proposed DPR includes only new works & excludes other works under implementation. Works taken up under GOI scheme viz RAPDRP/RGGVY/ NEF, etc is/are not included in this DPR.
- 4 Additional items proposed in R-APDRP towns has been proposed in separate sheet Vol II.b, clearly defining earlier sanction in R-APDRP, proposed new requirement in IPDS with proper justification.
- 5 All works proposed in the DPR are as per DPR Formats issued by Nodal Agency. Any cost other than allowed by Monitoring Committee in the DPR formats shall be borne by the Utility.
- 6 The cost estimates does not include any departmental overhead expenses. All such expenditures would be borne by the utility.
- 7 Utility will henceforth, procure all meters (wherever applicable) as per guidelines/regulations issued by MoP/CEA (circular available on IPDS web portal).
- 8 Utility shall ensure timely availability of any other infrastructure or facilities that are essential for implementation of IPDS works but are not in the scope of Contractor viz. land acquisition, Row, pole location etc.
- 9 Following items have been excluded from the scope of the DPR:
 - (i) Works already sanctioned under other schemes of Govt. of India (like R-APDRP/RGGVY/DDUGJY/NEF etc.). The projects for which any other grant / subsidy from Government of India has already been received / proposed to be received shall not be eligible under this scheme.
 - (ii) AML in the towns where SCADA is not planned under R-APDRP
 - (iii) Civil works other than sub station
 - (iv) Service lines to new consumers
 - (v) GIS survey of consumers
 - (vi) Cost of land for sub-stations
 - (vii) Compensation towards right of way
 - (viii) Distribution automation
 - (ix) Office equipment / fixtures
 - (x) Spares (other than mandatory spares prescribed by manufacturer)
 - (xi) Tools and Plants (T&P)
 - (xii) Vehicles
 - (xiii) Salaries and Establishment Expenditure
- 10 A senior level officer has been appointed by the Utility as Nodal Officer , who shall be involved from concept to commissioning of the system and co-ordinate from the Utility side for all issues related to implementation of the project. The details of Nodal Officer are given in Input Sheet.
- 11 Utility has created a dedicated team for implementation of projects at field & HQ levels to ensure smooth implementation of scheme. Details of the team are given in Input sheet.
- 12 Utility will appoint a Project Management Agency (PMA) for monitoring & ensuring timely implementation of the scheme.
- 13 Cost of consumer meters installed under R-APDRP will not be charged to consumers.
- 14 Work shall be awarded within 06 months from date of communication of the approval of the Monitoring committee. & will be completed within 24 months from date of award. In case of departmental execution, the work will be completed within 30 months from date of communication of the approval of the Monitoring committee.. In either mode of implementation (turnkey/partial turnkey/departmental), the maximum time limit for completion of the project viz award and implementation shall not be beyond thirty months from date of communication of the approval of the Monitoring committee.
- 15 The item rates taken for the materials for preparation of the DPR is based on the approved latest Schedule of Rates. For the materials for which the rates are not available in Schedule of Rates, market Rates (duly approved as per Utility system/procedure) or approved schedule rate of works / stock issue rate of other utility (indicated in the cost estimate) has been taken for this purpose. The Nodal Agency will separately provide comparable costs sourced from CPSUs for major equipment for reference of the utility. These reference rates shall be used as ceiling rates for sanctioning of the projects.
- 16 No cost escalation shall be admissible for the schemes sanctioned under IPDS. Any additional cost on any account whatsoever to complete the project shall be borne by utility.
- 17 10% of the project cost as approved by monitoring committee will be arranged by utility from own source & 30% will be arranged from PFC/REC or other Fis within three months of award/start of project.
- 18 Metering of all feeders and distribution transformers including metering at all input points to the utility shall be ensured under this scheme. Utility shall ensure installation of boundary meters for ring fencing of Non-RAPDRP Towns having population more than 5000.
- 19 Projects sanctioned under R-APDRP scheme in the state/utility will continue to be implemented as per R-APDRP guidelines.
- 20 DPR has been prepared after detailed field survey, study of system & with full justification. No revision of DPR OR cost escalation will be proposed by Utility.
- 21 While formulating this DPR, consultation with the respective public representatives including Member of Parliament has been ensured.
- 22 The information and data given in this DPR are correct.
- 23 The DPR is technically & financially viable and tangible & intangible benefits will be achieved from implementation of this DPR making it bankable.
- 24 In case of private sector Discoms/Distribution Franchisee/Co-operative Societies, the project shall be implemented by(State Govt Agency).
- 25 The work will be carried out on semi Turn key basis.
Works already sanctioned under other schemes of Govt. of India (like R-APDRP/RGGVY/DDUGJY/NEF etc.) are not proposed under
- 26 this IPDS DPR [The projects for which any other grant / subsidy from Government of India has already been received / proposed to be received shall not be eligible under this scheme].

Project Area In-charge (Govt/Govt Authorised Agency)

Signature:

Name: Mr. Mukesh Kumar Gupta
Designation:superintending Engineering

Tel. No. / Mobile No. : 9540954700
Email address : se.faridabad@gmail.com

Nodal Officer (Govt Utility Implementing Project)

Approved by:

Signature:

Name:
Designation:

Tel. No. / Mobile No. :
Email address :

POWER FINANCE CORPORATION LTD.

Detail Project Report

Executive Summary

Project objective:-	This project aims at - (i) 24x7 power supply for consumers in urban area, (ii) reduction of AT&C losses as per trajectory (discom-wise) finalized by the Ministry of Power in consultation with States (iii) providing access to all urban households
Tripartite/Bipartite Agreement Date	

Brief Profile of State/Utility

Name of State	Haryana
Name of Utility (Short Name)	DHBVN
Total Number of Utility Consumers	2942237 (Till may 2015)
AT&C loss as provided by PFC in latest "Report on Performance of State Power Utilities"	
AT&C Losses	% 24.09

Project Area Profile

Name of the Project Area Circle	Faridabad	
Nos. of towns covered	1	
Nos. of Consumers in all towns covered in the project area	3.62 Lacs	
Data for AT&C Losses Computation for Project Area (All statutory towns of the Circle)	Unit	Data for Previous FY 2014-15
Energy Input	M Units	29164.14
Energy Sales	M Units	24050.1
Total Revenue Billed	Rs. Lac	157019.42
Total Revenue Collected (excluding arrears)	Rs. Lac	162859.32
Billing Efficiency	%	82.46%
Collection Efficiency	%	103.72%
AT&C Losses	%	14.47%*

Name of the towns covered in project area and & its In-charges

Name of Town	Town In Charge	Contact No.
Faridabad	Mr. Naresh Kakkar	9540950739

Project Funding

Recommended Project Cost for Sanction	Rs. Lacs	10731.66
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Cost Item		Total Cost	Govt	PFC/ FIs	Own
Total Setup Cost	Rs.Lacs	10731.66	6439.00	3219.50	1073.17

		Base Year-0	Year-1	Year-2
Phasing of Capital Expenditure	Rs.Lacs	64.39	472.19	536.58

* The AT&C losses have been calculated excluding the Independent feeders being metered and billed from the S/Stn. end where no work shall be carried out under the IPDS Scheme.

POWER FINANCE CORPORATION LTD.

Detail Project Report

Background

1.1 Distribution is the most critical segment of the electricity business chain. The real challenge in the power sector today lies in efficient management of the distribution sector. Availability of a robust sub-transmission and distribution network along with adequate metering arrangements is the need of the day for efficient management of the distribution system.

1.2 Electricity is the key ingredient for accelerated economic growth and is considered vital for nation's overall development. Providing reliable and quality power supply in an efficient manner is an immediate requirement of the day. Amongst the three major layers of Power Sector i.e. Generation, Transmission and Distribution, the Distribution Sector has direct interface with the end consumers and is largely accountable for consumer satisfaction and also for flow of revenues in the entire value chain of Power Sector. Thus, Distribution Sector plays a significant role in sustenance as well as growth of the Power Sector.

1.3 There is a consistent increase in electricity demand, particularly in urban areas, due to increase in customer base, changes in lifestyle and consumption pattern, which requires continual up-gradation and creation of infrastructure for electricity distribution. However, the poor financial health of the distribution utilities has resulted in inadequate investment in the distribution network.

1.4 The Government of India has been providing support to State owned Discoms/Power Departments by extending financial assistance through various programmes. However, the State owned Discoms/Power Departments have not been able to keep pace with the growth in demand of electricity, resulting in critical gaps/missing links in the sub transmission and distribution network. The sub-transmission and distribution network has therefore become a bottleneck in ensuring reliable and quality power supply to the consumers.

1.5 Apart from bridging the gaps in the requisite distribution infrastructure, there is also a need to focus on metering of consumers. End-to-end metering is a vital need of the power sector. Effective metering of all consumers will ensure proper accounting, billing, load pattern assessment and planning of infrastructure required. It also helps in identifying high loss pockets so as to initiate remedial measures towards reduction of losses.

Keeping in view the present financial condition of Discoms/Power Deptt., Govt. has launched the Integrated Power Development Scheme (IPDS) to extend financial assistance against capital expenditure to address the gaps in sub transmission & distribution network and metering in Urban areas to supplement the resources of DISCOMs/Power Deptt.

POWER FINANCE CORPORATION LTD.**Detail Project Report**

Volume I: Project Area Details

Project Area Asset Information: Restricted to Urban area (Statutory Towns) only, to be considered under IPDS

Assets	Unit	Current Position	Proposed under IPDS
Total Number 66/33 kV Feeders	Nos.	33	-
Total Length of 66/33 kV Feeders (Overhead)	kM	38.65	-
Total Length of 66/33 kV Feeders (Under-ground)	kM	15.40	-
		0	
Total Number of 220/66/11KV, 66/11 kV and 33/11 kV Sub-stations feeding the Project Area	Nos.	23	-
Total Number of Power Transformers	Nos.	51	-
Total Capacity of Power Transformers	MVA	1149.5	-
Total Number 11 kV Feeders	Nos.	358	-
Number of Metered 11 kV Feeders	Nos.	358	-
Total Length of 11 kV Feeders (Overhead)	kM	1643.52	345
Total Length of 11 kV Feeders (Under-ground)	kM	182.61	45.45
		0	
Total Length of LT Lines (Overhead)	kM	3652.26	556.69
Total Length of LT Lines (Under-ground)	kM	0	0
HT/LT Ratio		1:1.20	
Total Number of Distribution Transformers	Nos.	7194.00	825
Total Capacity of Distribution Transformers	MVA	1315.376	140.00
		0	
Total Annual Energy Input of previous FY	MUs	29164.16	4148.85
Current Peak Demand	MVA	1000	1150
Current Average Demand	MVA	850	980
Please specify name of town of Project area covered under Part-A (IT) of R-APDRP, if any.		Faridabad & Ballabgarh	
Please specify name of town of Project area covered under Part-A (SCADA/DMS) of R-APDRP, if any.		Faridabad & Ballabgarh	

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Volume Ila: SUMMARY Project Cost

4.1 Summary of Project Cost (Bill of Quantities)

SN	Particular	Unit	Qty	Project Cost from lib & lic Rs. In Lac
A	33/11 KV S/S : New	Nos	0.00	0.00
B	33/11 KV S/S : Additional Transformer	Nos.	0.00	0.00
C	33/11 KV S/S : Transformer capacity enhancement	Nos.	0.00	0.00
D	Renovation & Modernisation of 33/11 kV SS	Nos.	0.00	0.00
E	New 33 KV new feeders/Bifurcation of feeders:	Kms	0.00	0.00
F	33 KV feeders Reconductoring/Augmentation	Kms	0.00	0.00
G	33 kV Line Bay Extension at EHV station	Nos	0.00	0.00
H	11 kV Line : New Feeder/ Feeder Bifurcation	Kms	345.00	2311.50
I	11 kV Line : Augmentation/Reconductoring	Kms	0.00	0.00
J	Arial Bunched Cable	Kms	0.00	0.00
K	UG Cable	Kms	45.45	1438.04
L	11 KV Bay Extension	Kms	0.00	0.00
M	Installation of Distribution Transformer	Nos.	825	2842.75
N	Capacity enhancement of LT sub-station	Nos.	0.00	0.00
O	LT Line : New Feeder/ Feeder Bifurcation	Kms	556.69	2900.38
P	LT Line : Augmentation/Reconductoring	Kms	0.00	0.00
Q	Capacitor Bank	Nos.	0.00	0.00
R	HVDS	Nos.	0.00	0.00
S	Metering	Nos.	40200	1224.00
T	Provisioning of solar panel	Lot	15	15.00
U	RMU,Sectionaliser, Auto reclosures, FPI etc.	Lot	0	0.00
V	Others	Lot	0.00	0.00
	GRAND TOTAL			10,731.66

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Detail Project Report

Estimated Project Cost - Bill of Quantities

For R-APDRP Town- Faridabad

Bill of Quantities

S. No.	Item Details	Unit	Existing/ Current Position	Qty proposed under IPDS	Unit Price	Cost proposed under IPDS	Reference
					Rs. Lac	Rs. Lac	Annx No.
A	33/11 KV S/S : New						
1	IAC M/Road-10 MVA	Nos	2				
2		Nos					
3		Nos.					
	Sub Total		2	0		0.00	
B	33/11 KV S/S : Additional Transformer						
1		Nos.					
2		Nos.					
3		Nos.					
	Sub Total		0	0		0.00	
C	33/11 KV S/S : Transformer capacity enhancement						
1		Nos.					
2		Nos.					
3		Nos.					
	Sub Total		0	0		0.00	
D	Renovation & Modernisation of 33/11 kV SS						
1		Nos.					
2		Nos.					
3		Nos.					
	Sub Total			0		0.00	
E	New 33 KV new feeders/Bifurcation of feeders:						
1	ACSR 100 MM2	Kms	2.80			-	
2	ACSR 80 MM2	Kms	6.50				
3	AB Cable 3 Core 185 mm2	Kms	10.20				
	Sub Total		19.50	0.00		0.00	
F	33 KV feeders Reconductoring/Augmentation						
1		Kms					
2		Kms					
3		Kms					
	Sub Total		0	0		0.00	
G	33 kV Line Bay Extension at EHV station						

S. No.	Item Details	Unit	Existing/ Current Position	Qty proposed under IPDS	Unit Price	Cost proposed under IPDS	Reference
					Rs. Lac	Rs. Lac	Annx No.
1		Nos					
2		Nos					
3		Nos					
	Sub Total		0	0		0	
H	11 kV Line : New Feeder/ Feeder Bifurcation						
1	ACSR 100 MM2	Kms	415.88	345.00	6.70	2,311.50	H1
2	ACSR 80 MM2	Kms	652.41				
3	ACSR 50 MM2	Kms	575.23				
	Sub Total		1643.52	345.00		2311.50	
I	11 kV Line : Augmentation/Reconductoring						
1		Kms					
2		Kms					
3		Kms					
	Sub Total		0.00	0.00		0.00	
J	Arial Bunched Cable						
i)	HT						
	HT COVERED CONDUCTOR 3*120+ 70 mm2	Kms					
		Kms					
		Kms					
	Sub Total		0.00				
ii)	LT						
	LT 1CX95 mm2	Kms	255.65				
		Kms					
		Kms					
	Sub Total		256				
	Total		255.65				
K	UG Cable						
i)	HT						
	11 KV XLPE 3C 300 MM2	Kms	182.61	45.45	31.64	1,438.04	K1
		Kms					
		Kms					
	Sub Total		182.61	45.45		1438.04	
ii)	LT						
		Kms	0				
		Kms					
		Kms					
	Sub Total		0	0		0	
	Total		182.61	45.45		1438.04	
L	11 KV Bay Extension						
		Kms					
		Kms					

S. No.	Item Details	Unit	Existing/ Current Position	Qty proposed under IPDS	Unit Price	Cost proposed under IPDS	Reference
					Rs. Lac	Rs. Lac	Annx No.
		Kms					
	Sub Total		0	0		0	
M	Installation of Distribution Transformer	MVA	1053.314				
	Existing 16 KVA	Nos	0	0			M1
	Existing 25 KVA	Nos	698	0			
	Existing 63 KVA	Nos	959	0			
	Existing 100 KVA	Nos	2639	0			
	Existing 200 KVA	Nos	2486	0			
	Existing 250 KVA	Nos	36	0			
	Existing 315 KVA	Nos	19	0			
	Existing 400 KVA	Nos	126	0			
	Existing 500 KVA	Nos	113	0			
	Existing 630 KVA	Nos	49	0			
	Existing 750 KVA	Nos	29	0			
	Existing 1000 KVA	Nos	40	0			
	Installation of Distribution Transformer 100 KVA	Nos	0	250	2.24	560.00	
	Installation of Distribution Transformer 200 KVA	Nos	0	575	3.97	2,282.75	
	Sub Total		7194.00	825		2842.75	
N	Capacity enhancement of LT sub-station						
		Nos.					
		Nos.					
		Nos.					
	Sub Total		0	0		0	
O	LT Line : New Feeder/ Feeder Bifurcation						
	ACSR 100 MM2	Kms	922.65	556.694	5.21	2,900.38	O1
	ACSR 80 MM2	Kms	1451.32				
	ACSR 50 MM2	Kms	1278.29				
	Sub Total		3652.26	556.694		2900.38	
P	LT Line : Augmentation/Reconductoring						
		Kms					
		Kms					
		Kms					
	Sub Total		0	0		0	
Q	Capacitor Bank						
		Nos.					
		Nos.					
		Nos.					
	Sub Total		0	0		0	
R	HVDS						
		Nos.					

S. No.	Item Details	Unit	Existing/ Current Position	Qty proposed under IPDS	Unit Price	Cost proposed under IPDS	Reference
					Rs. Lac	Rs. Lac	Annx No.
		Nos.					
		Nos.					
	Sub Total		0	0		0	
S	Metering						
i)	Prepaid / smart meters in Govt. establishment	Nos.		200	0.12	24.00	
ii)	AMI, Smart meters in the towns where SCADA being established under R-APDRP.	Nos.					
iii)	Boundary meters for ring fencing of Non-RAPDRP Towns with population more than 5000	Nos.					
iv)	AMR for feeders, Distribution transformer and high load consumers	Nos.					
v)	Consumers for existing un-metered connections, replacement of faulty meters & electro-mechanical meters	Nos.		40000	0.03	1,200	
vi)	Installation of Pillar Box for relocation of meters outside the premises of consumers including associated cables and accessories	Nos.					
	Sub Total		0	40200		1224.00	
T	Provisioning of solar panel						
	Location 3 / (Capacity)	KWe					
	Net-Meters	Nos.		15	1.00	15.00	
	Sub Total		0	15		15.00	
U	RMU,Sectionaliser, Auto reclosures, FPI etc.						
i)	33 kV Line : Installation of switchable breaker/switches	Nos.					
ii)	33 kV Line : Installation of communcable/non-communicable FPIs (O/C&E/F)	Nos.					
iii)	11 kV Line : Installation of RMUs/Sectionaliser alongwith aux power supply to operate sw/breaker.	Nos.					
iv)	11 kV Line :- Installation of communicable/non communicable FPIs (O/C,E/F)	Nos.					
v)	11 kV Line : Installation of switchable breakers alongwith aux power supply to operate sw/breaker	Nos.		0	0	0	
vi)	Installation of remote operable switches for breaker/switches operation for Distribution Transformer alongwith aux power supply to operate sw/breaker	Nos.					
vii)	Installation of remote operable switches for breaker/switches operation for cap bank alongwith aux power supply to operate sw/breaker .	Nos.					
	Sub Total		0	0		0	
V	Others						

S. No.	Item Details	Unit	Existing/ Current Position	Qty proposed under IPDS	Unit Price	Cost proposed under IPDS	Reference
					Rs. Lac	Rs. Lac	Annx No.
V	Others (Distribution T/Fs. -R&M)		-				
	i) 33 KV Switching S/Stns.						
	ii) 11 KV Switching S/Stns.		-				
	ii) Distribution Transformers R&M		-				
	Total		-				
	Grand Total					10,731.66	

Note: Unit price and Total Cost are inclusive of all taxes and duties

POWER FINANCE CORPORATION LTD.

Detail Project Report

Justification / Details of Proposed Works (Separate Sheet for Each TOWN to be furnished)

A. Details of 33/11 KV Substation : New

Sr No.	Circle	IPDS Town	Total Number of Proposed 33 kV substation	Total Capacity of Proposed 33 kV substation (MVA)	Name of Substation	Unit Cost @Rs 40
1	Faridabad	Faridabad	0	0	-	0
Sub Total			0	0		0

B.33/11 KV S/S : Additional Transformer

Sr No.	Circle	IPDS Town	Total Number of Additional Power Transformer	Total Capacity of Proposed Additional Power Transformer	Name of Substation	Unit Cost @Rs 14
1	Faridabad	Faridabad	0	0	-	0
Sub Total			0	0		0

C.33/11 KV S/S : Transformer capacity enhancement

Sr No.	Circle	IPDS Town	Existing capacity of Power Transformer	Proposed capacity of Power Transformer (MVA)	Name of Substation	Unit Cost @Rs 14 lacs/MVA
1	Faridabad	Faridabad	0	0	-	0
Sub Total			0	0		0

E.New 33 KV new feeders/Bifurcation of feeders:

Sr No.	Circle	New Feeder/ Bifurcation	EHV Substation (Feeding source)	Proposed Name of the feeder (Conductor Size 150 Sqmm)	Length of Feeder (Km)	Unit Rate
1	Faridabad	-	-	-	0	0
Sub Total					0	0

F. 33 KV feeders Reconductoring/Augmentation

Sr No.	IPDS Town	Augmentation/ Reconductoring	EHV Substation (Feeding Source)	Name of the feeder (Conductor Size 150 Sqmm)	Existing size of conductor	Unit Rate
1	Faridabad	-	-	-	-	-
Sub Total						

G. 11 kV Line : New Feeder/ Feeder Bifurcation

Sr No.	IPDS Town	New Feeder/ Bifurcation	EHV Substation (Feeding	Name of the feeder	Length of Feeder	Unit Rate
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Sl. No.	II DC Town	NEW SCOP/ Bifurcation	Source)	(Conductor Size 100 Sqmm)	(Km)	Unit Rate
1	Faridabad	Bifurcation	66 KV FCI	NH-1	2.68	6.70
2	Faridabad	Bifurcation	66 KV A-2	Township	3.45	6.70
3	Faridabad	Bifurcation	66 KV A-2	Neelam	1.92	6.70
4	Faridabad	Bifurcation	66 KV FCI	Golf Club	2.87	6.70
5	Faridabad	Bifurcation	66 KV FCI	Ring Road	3.06	6.70
6	Faridabad	Bifurcation	66 KV FCI	NH-2	2.68	6.70
7	Faridabad	Bifurcation	66 KV FCI	Dabua Colony	2.30	6.70
8	Faridabad	Bifurcation	66 KV FCI	Pali Road	3.45	6.70
9	Faridabad	Bifurcation	66 KV FCI	Outer Road	3.06	6.70
10	Faridabad	Bifurcation	66 KV Dabriwala	Sector-24	1.53	6.70
11	Faridabad	Bifurcation	66 KV Dabriwala	Indo	1.53	6.70
12	Faridabad	Bifurcation	66 KV Dabriwala	Industrial	1.92	6.70
13	Faridabad	Bifurcation	66 KV Oswal	Hinustan Wire	1.53	6.70
14	Faridabad	Bifurcation	66 KV Oswal	Sapna-I	1.92	6.70
15	Faridabad	Bifurcation	66 KV A-2	Ringman-II	1.92	6.70
16	Faridabad	Bifurcation	66 KV A-2	Mujeshar	1.53	6.70
17	Faridabad	Bifurcation	66 KV A-2	Ringman-III	1.53	6.70
18	Faridabad	Bifurcation	66 KV A-2	Thermal Colony	1.53	6.70
19	Faridabad	Bifurcation	66 KV Oswal	Sector-23-A	1.92	6.70
20	Faridabad	Bifurcation	66 KV A-2	H.Board Colony	2.68	6.70
21	Faridabad	Bifurcation	66 KV Dabriwala	Sanjay Colony	6.89	6.70
22	Faridabad	Bifurcation	66 KV Dabriwala	Sohna Road	6.13	6.70
23	Faridabad	Bifurcation	66 KV Dabriwala	Eicher Colony	4.60	6.70
24	Faridabad	Bifurcation	66 KV A-2	PNB A-2	3.64	6.70
25	Faridabad	Bifurcation	66 KV NH-3	Gandhi Colony	2.87	6.70
26	Faridabad	Bifurcation	66 KV NH-3	K.C. Road	1.92	6.70
27	Faridabad	Bifurcation	66 KV A-2	NH-V	5.75	6.70
28	Faridabad	Bifurcation	66 KV NH-3	PNB NH-3	3.06	6.70
29	Faridabad	Bifurcation	66 KV FCI	Jawahar Colony-I	2.68	6.70
30	Faridabad	Bifurcation	66 KV FCI	Jawahar Colony-II	3.06	6.70
31	Faridabad	Bifurcation	66 KV FCI	Janta Colony	3.06	6.70
32	Faridabad	Bifurcation	66 KV FCI	Parvatia Colony	3.06	6.70
33	Faridabad	Bifurcation	66 KV FCI	Kapra Colony	2.68	6.70
34	Faridabad	Bifurcation	66 KV Ford	Sector-16	2.68	6.70
35	Faridabad	Bifurcation	66 KV A-4	Sector-17	2.68	6.70
36	Faridabad	Bifurcation	66 KV A-4	Sector-16 A-4	2.68	6.70
37	Faridabad	Bifurcation	66 KV Ford	Sector-16-B	2.68	6.70
38	Faridabad	Bifurcation	66 KV Ford	Sector-15	2.68	6.70
39	Faridabad	Bifurcation	66 KV Ford	Sector-14	2.68	6.70
40	Faridabad	Bifurcation	66 KV Ford	Sector-14 MKT	2.68	6.70
41	Faridabad	Bifurcation	66 KV Escort-II	Sector-11	2.30	6.70
42	Faridabad	Bifurcation	66 KV Escort-I	Prerna Dham	1.92	6.70
43	Faridabad	Bifurcation	66 KV Escort-I	CKT House	2.30	6.70
44	Faridabad	Bifurcation	66 KV Escort-I	Sector-15-A	2.30	6.70
45	Faridabad	Bifurcation	66 KV Escort-I	Sector-15-B	2.30	6.70
46	Faridabad	Bifurcation	66 KV Escort-I	Gym Khana	1.53	6.70

47	Faridabad	Bifurcation	66 KV Escort-I	Sector-12	1.92	6.70
48	Faridabad	Bifurcation	66 KV Escort-II	Sector-20-B	2.68	6.70
49	Faridabad	Bifurcation	66 KV Escort-I	Gym Khana	2.30	6.70
50	Faridabad	Bifurcation	66 KV Escort-I	Prerna Dham	1.92	6.70
51	Faridabad	Bifurcation	66 KV Escort-I	Sector-15-B	1.92	6.70
52	Faridabad	Bifurcation	66 KV A-4	11KV SEC-19 FDR	1.92	6.70
53	Faridabad	Bifurcation	66 KV A-4	11KV SEC-18 FDR	2.30	6.70
54	Faridabad	Bifurcation	66 KV A-4	11KV BASELWA	1.92	6.70
55	Faridabad	Bifurcation	66 KV A-4	11KV BHOOR FEEDER	3.83	6.70
56	Faridabad	Bifurcation	66 KV A-4	11KV CITY A-4	3.06	6.70
57	Faridabad	Bifurcation	66 KV Sector-31	11KV CITY SEC-31	1.92	6.70
58	Faridabad	Bifurcation	66 KV Sector-31	11KV SEC-28 -1	1.92	6.70
59	Faridabad	Bifurcation	66 KV Sector-31	11KV SEC-28 -11	1.53	6.70
60	Faridabad	Bifurcation	66 KV Sector-31	11KV SEC-29 HUDA	1.53	6.70
61	Faridabad	Bifurcation	66 KV Sector-31	11KV NEW CITY	1.53	6.70
62	Faridabad	Bifurcation	66 KV Sector-31	11KV SEC-31	1.53	6.70
63	Faridabad	Bifurcation	66 KV Sector-31	11KV DLF	1.92	6.70
64	Faridabad	Bifurcation	66 KV Sector-31	11KV J.V.V.	1.53	6.70
65	Faridabad	Bifurcation	66 KV Sector-31	11 KV HSIDC	1.53	6.70
66	Faridabad	Bifurcation	66 KV Sector-31	11KV SEC-29	1.92	6.70
67	Faridabad	Bifurcation	66 KV Sector-31	11 KV COMPLAINT CENTRE	1.53	6.70
68	Faridabad	Bifurcation	66 KV NH-3	Sainik-I	1.92	6.70
69	Faridabad	Bifurcation	66 KV NH-3	NH-IV	1.72	6.70
70	Faridabad	Bifurcation	66 KV Sector-46	Sector-46	2.83	6.70
71	Faridabad	Bifurcation	66 KV NH-3	SGM-A	3.06	6.70
72	Faridabad	Bifurcation	66 KV NH-3	SGM-B	2.68	6.70
73	Faridabad	Bifurcation	66 KV NH-3	SGM-C	3.06	6.70
74	Faridabad	Bifurcation	66 KV NH-3	Badkhal	1.53	6.70
75	Faridabad	Bifurcation	220 KV Palla	NEW DLF	1.53	6.70
76	Faridabad	Bifurcation	220 KV Palla	Sector-37	1.72	6.70
77	Faridabad	Bifurcation	66 KV USA	SurajKund	2.83	6.70
78	Faridabad	Bifurcation	66 KV USA	Anangpur	1.53	6.70
79	Faridabad	Bifurcation	220 KV Palla	Kanishka	1.15	6.70
80	Faridabad	Bifurcation	220 KV Palla	Ashoka	1.53	6.70
81	Faridabad	Bifurcation	220 KV Palla	Sapna MKT	1.15	6.70
82	Faridabad	Bifurcation	66 KV Sector-31	Escort Sec-31	1.34	6.70
83	Faridabad	Bifurcation	220 KV Palla	Havells	1.15	6.70
84	Faridabad	Bifurcation	220 KV Palla	Hemla	0.96	6.70
85	Faridabad	Bifurcation	220 KV Palla	JMA	1.15	6.70
86	Faridabad	Bifurcation	220 KV Palla	IGC	1.34	6.70
87	Faridabad	Bifurcation	220 KV Palla	Frick	1.15	6.70
88	Faridabad	Bifurcation	220 KV Palla	Escort Palla	0.96	6.70
89	Faridabad	Bifurcation	220 KV Palla	SAP	1.15	6.70
90	Faridabad	Bifurcation	220 KV Palla	York	1.34	6.70
91	Faridabad	Bifurcation	66 KV USA	Interlinking USA	1.53	6.70
92	Faridabad	Bifurcation	220 KV Palla	Santosh Nagar	1.92	6.70
93	Faridabad	Bifurcation	66 KV A-4	Indra Complex	2.68	6.70

94	Faridabad	Bifurcation	66 KV A-4	Padam Nagar	1.92	6.70
95	Faridabad	Bifurcation	220 KV Palla	K/Kalan Palla	2.49	6.70
96	Faridabad	Bifurcation	66 KV A-4	Tigaon Road	3.26	6.70
97	Faridabad	Bifurcation	66 KV Ford	Sector-9 (West)	3.06	6.70
98	Faridabad	Bifurcation	66 KV Ford	Sector-9 (East)	2.68	6.70
99	Faridabad	Bifurcation	220 KV A-5	Sector-9	2.30	6.70
100	Faridabad	Bifurcation	220 KV A-5	Sector-10	3.06	6.70
101	Faridabad	Bifurcation	66 KV Ford	Sector-10 DLF	1.92	6.70
102	Faridabad	Bifurcation	220 KV A-5	Sector-8	2.68	6.70
103	Faridabad	Bifurcation	220 KV A-5	Sector-7	3.06	6.70
104	Faridabad	Bifurcation	66 KV Escort-II	SMIE	1.92	6.70
105	Faridabad	Bifurcation	220 KV A-5	MCF	2.30	6.70
106	Faridabad	Bifurcation	66 KV Idgah	Sovern	1.92	6.70
107	Faridabad	Bifurcation	66 KV Idgah	B.D. Ghai	2.30	6.70
108	Faridabad	Bifurcation	220 KV A-5	BALLABGARH-I	3.06	6.70
109	Faridabad	Bifurcation	66 KV Sector-64	RAGHUBIR COLONY	2.68	6.70
110	Faridabad	Bifurcation	66 KV Sector-64	HARI VIHAR	3.06	6.70
111	Faridabad	Bifurcation	66 KV Sector-64	ARYA NAGAR	1.15	6.70
112	Faridabad	Bifurcation	66 KV Sector-64	MOHNA ROAD	1.15	6.70
113	Faridabad	Bifurcation	66 KV Sector-64	BALLABGARH-III	1.15	6.70
114	Faridabad	Bifurcation	220 KV A-5	Sector-3	1.92	6.70
115	Faridabad	Bifurcation	220 KV A-5	Mother Dairy	1.92	6.70
116	Faridabad	Bifurcation	220 KV A-5	Housing Board	1.15	6.70
117	Faridabad	Bifurcation	66 KV Globe Steel	Sohna Road	3.06	6.70
118	Faridabad	Bifurcation	220 KV A-5	Tigaon road	1.92	6.70
119	Faridabad	Bifurcation	66 KV Globe Steel	Gurgaon Canal	3.06	6.70
120	Faridabad	Bifurcation	66 KV Idgah	Chawala Colony	3.06	6.70
121	Faridabad	Bifurcation	66 KV Hyderabad	PUBLIC HEALTH	1.92	6.70
122	Faridabad	Bifurcation	66 KV Hyderabad	INDUSTRIAL	1.52	6.70
123	Faridabad	Bifurcation	66 KV Hyderabad	RAJIV COLONY	5.70	6.70
124	Faridabad	Bifurcation	66 KV Hyderabad	SECTOR-55	3.80	6.70
125	Faridabad	Bifurcation	66 KV Hyderabad	KRISHNA COLONY	4.90	6.70
126	Faridabad	Bifurcation	66 KV Hyderabad	KANNIN INDIA	2.60	6.70
127	Faridabad	Bifurcation	66 KV Hyderabad	GOUNCHI	5.70	6.70
128	Faridabad	Bifurcation	66 KV Hyderabad	CONTINENTAL PROCESS	1.91	6.70
129	Faridabad	Bifurcation	66 KV Hyderabad	METAL INDIA	1.87	6.70
130	Faridabad	Bifurcation	66 KV Jharsaintly	BHARAT PETROLEUM	3.44	6.70
131	Faridabad	Bifurcation	66 KV Jharsaintly	SUNPAID	3.06	6.70
132	Faridabad	Bifurcation	66 KV Jharsaintly	IRCON	2.68	6.70
133	Faridabad	Bifurcation	66 KV Jharsaintly	OLD PLATING ZONE	1.91	6.70
134	Faridabad	Bifurcation	66 KV Jharsaintly	PLATING ZONE	2.68	6.70
135	Faridabad	Bifurcation	220 KV Pali	Sohna Road	5.74	6.70
136	Faridabad	Bifurcation	220 KV Pali	Saroorpur	4.59	6.70
137	Faridabad	Bifurcation	66 KV Dhouj	C1 & C2 (DHOIJ)	3.06	6.70
138	Faridabad	Bifurcation	220 KV Pali	C1 & C2 (PALI)	3.83	6.70
139	Faridabad	Bifurcation	220 KV Pali	C3 & C4 (PALI)	3.06	6.70
140	Faridabad	Bifurcation	220 KV Pali	DABUA PALI ROAD	2.29	6.70

141	Faridabad	Bifurcation	220 KV Pali	PALI FCI	2.68	6.70
Sub Total					345.00	

H.11 kV Line : Augmentation/Reconductoring

Sr No.	IPDS Town	Augmentation/ Reconductoring	EHV Substation (Feeding Source)	Name of the feeder (Conductor Size 100 Sqmm)	Existing size of conductor	Unit Rate
Sub Total						

I. Arial Bunched Cable (LT)

Sr No.	IPDS Town	Size of Cable	EHV Substation (Feeding Source)	Name of the feeder	Length of Feeder (Km)	Unit Rate
1	Faridabad	3*120+70 mm2	66 KV FCI	NH-1	1.25	4.93
2	Faridabad	3*120+70 mm2	66 KV A-2	Tikona Park	1.00	4.93
3	Faridabad	3*120+70 mm2	66 KV A-2	Township	2.00	4.93
4	Faridabad	3*120+70 mm2	66 KV A-2	Neelam	0.50	4.93
5	Faridabad	3*120+70 mm2	66 KV FCI	Dabua Colony	1.20	4.93
6	Faridabad	3*120+70 mm2	66 KV FCI	Pali Road	1.50	4.93
7	Faridabad	3*120+70 mm2	66 KV FCI	Outer Road	1.20	4.93
8	Faridabad	3*120+70 mm2	66 KV A-2	Mujeshar	3.00	4.93
9	Faridabad	3*120+70 mm2	66 KV A-2	Ringman-III	1.80	4.93
10	Faridabad	3*120+70 mm2	66 KV Oswal	Sector-23-A	0.50	4.93
11	Faridabad	3*120+70 mm2	66 KV A-2	H.Board Colony	0.50	4.93
12	Faridabad	3*120+70 mm2	66 KV Dabriwala	Sanjay Colony	3.00	4.93
13	Faridabad	3*120+70 mm2	66 KV Dabriwala	Sohna Road	3.50	4.93
14	Faridabad	3*120+70 mm2	66 KV Dabriwala	Eicher Colony	3.00	4.93
15	Faridabad	3*120+70 mm2	66 KV A-2	PNB A-2	0.50	4.93
16	Faridabad	3*120+70 mm2	66 KV NH-3	Gandhi Colony	0.60	4.93
17	Faridabad	3*120+70 mm2	66 KV NH-3	K.C. Road	0.50	4.93
18	Faridabad	3*120+70 mm2	66 KV A-2	NH-V	0.50	4.93
19	Faridabad	3*120+70 mm2	66 KV NH-3	PNB NH-3	1.05	4.93
20	Faridabad	3*120+70 mm2	66 KV FCI	Jawahar Colony-I	5.00	4.93
21	Faridabad	3*120+70 mm2	66 KV FCI	Jawahar Colony-II	4.00	4.93
22	Faridabad	3*120+70 mm2	66 KV FCI	Janta Colony	1.70	4.93
23	Faridabad	3*120+70 mm2	66 KV FCI	Parvatia Colony	8.00	4.93
24	Faridabad	3*120+70 mm2	66 KV FCI	Kapra Colony	4.00	4.93
25	Faridabad	3*120+70 mm2	66 KV Ford	Sector-16	1.20	4.93
26	Faridabad	3*120+70 mm2	66 KV A-4	Sector-17	1.20	4.93
27	Faridabad	3*120+70 mm2	66 KV A-4	Sector-16 A-4	1.20	4.93
28	Faridabad	3*120+70 mm2	66 KV Ford	Sector-16-B	1.10	4.93
29	Faridabad	3*120+70 mm2	66 KV Ford	Sector-15	0.50	4.93
30	Faridabad	3*120+70 mm2	66 KV Ford	Sector-14	0.50	4.93
31	Faridabad	3*120+70 mm2	66 KV Ford	Sector-14 MKT	0.50	4.93
32	Faridabad	3*120+70 mm2	66 KV Escort-II	Sector-11	0.50	4.93
33	Faridabad	3*120+70 mm2	66 KV Escort-I	Prerna Dham	0.50	4.93
34	Faridabad	3*120+70 mm2	66 KV Escort-I	CKT House	1.20	4.93

35	Faridabad	3*120+70 mm2	66 KV Escort-I	Sector-15-A	1.50	4.93
36	Faridabad	3*120+70 mm2	66 KV Escort-I	Sector-15-B	1.50	4.93
37	Faridabad	3*120+70 mm2	66 KV Escort-I	Gym Khana	1.70	4.93
38	Faridabad	3*120+70 mm2	66 KV Escort-I	Sector-12	1.30	4.93
39	Faridabad	3*120+70 mm2	66 KV Escort-II	Sector-20-B	2.30	4.93
40	Faridabad	3*120+70 mm2	66 KV A-4	11KV SEC-19 FDR	0.50	4.93
41	Faridabad	3*120+70 mm2	66 KV A-4	11KV SEC-18 FDR	0.50	4.93
42	Faridabad	3*120+70 mm2	66 KV A-4	11KV BASELWA	0.60	4.93
43	Faridabad	3*120+70 mm2	66 KV A-4	11KV BHOOR FEEDER	0.60	4.93
44	Faridabad	3*120+70 mm2	66 KV A-4	11KV CITY A-4	0.60	4.93
45	Faridabad	3*120+70 mm2	66 KV Sector-31	11KV CITY SEC-31	0.60	4.93
46	Faridabad	3*120+70 mm2	66 KV Sector-31	11KV SEC-28 -1	0.60	4.93
47	Faridabad	3*120+70 mm2	66 KV Sector-31	11KV SEC-28 -11	0.60	4.93
48	Faridabad	3*120+70 mm2	66 KV Sector-31	11KV SEC-29 HUDA	0.60	4.93
49	Faridabad	3*120+70 mm2	66 KV Sector-31	11KV NEW CITY	0.50	4.93
50	Faridabad	3*120+70 mm2	66 KV Sector-31	11KV SEC-31	0.30	4.93
51	Faridabad	3*120+70 mm2	66 KV Sector-31	11KV DLF	0.50	4.93
52	Faridabad	3*120+70 mm2	66 KV Sector-31	11KV J.V.V.	0.50	4.93
53	Faridabad	3*120+70 mm2	66 KV Sector-31	11KV SEC-29	0.50	4.93
54	Faridabad	3*120+70 mm2	66 KV Sector-31	11 KV COMPLAINT CENTRE	0.50	4.93
55	Faridabad	3*120+70 mm2	66 KV NH-3	Sainik-I	0.50	4.93
56	Faridabad	3*120+70 mm2	66 KV NH-3	SGM-A	1.60	4.93
57	Faridabad	3*120+70 mm2	66 KV NH-3	SGM-B	1.40	4.93
58	Faridabad	3*120+70 mm2	66 KV NH-3	SGM-C	1.50	4.93
59	Faridabad	3*120+70 mm2	66 KV NH-3	Badkhal	1.00	4.93
60	Faridabad	3*120+70 mm2	220 KV Palla	NEW DLF	0.50	4.93
61	Faridabad	3*120+70 mm2	220 KV Palla	Sector-37	1.10	4.93
62	Faridabad	3*120+70 mm2	66 KV USA	SurajKund	2.50	4.93
63	Faridabad	3*120+70 mm2	66 KV USA	Anangpur	2.50	4.93
64	Faridabad	3*120+70 mm2	220 KV Palla	Kanishka	0.80	4.93
65	Faridabad	3*120+70 mm2	220 KV Palla	Ashoka	1.50	4.93
66	Faridabad	3*120+70 mm2	220 KV Palla	Sapna MKT	1.00	4.93
67	Faridabad	3*120+70 mm2	66 KV Sector-31	Escort Sec-31	1.10	4.93
68	Faridabad	3*120+70 mm2	220 KV Palla	Havells	0.90	4.93
69	Faridabad	3*120+70 mm2	220 KV Palla	Hemla	1.00	4.93
70	Faridabad	3*120+70 mm2	220 KV Palla	JMA	1.00	4.93
71	Faridabad	3*120+70 mm2	220 KV Palla	IGC	1.00	4.93
72	Faridabad	3*120+70 mm2	220 KV Palla	Frick	1.00	4.93
73	Faridabad	3*120+70 mm2	220 KV Palla	Escort Palla	1.00	4.93
74	Faridabad	3*120+70 mm2	220 KV Palla	SAP	1.00	4.93
75	Faridabad	3*120+70 mm2	220 KV Palla	York	0.90	4.93
76	Faridabad	3*120+70 mm2	66 KV USA	Interlinking USA	1.00	4.93
77	Faridabad	3*120+70 mm2	220 KV Palla	Santosh Nagar	2.70	4.93
78	Faridabad	3*120+70 mm2	220 KV Palla	Tilpat	8.30	4.93
79	Faridabad	3*120+70 mm2	220 KV Palla	K/Kalan Tilpat	2.20	4.93
80	Faridabad	3*120+70 mm2	220 KV Palla	Palla	8.30	4.93
81	Faridabad	3*120+70 mm2	220 KV Palla	Agwanpur	8.30	4.93

82	Faridabad	3*120+70 mm2	220 KV Palla	Basantpur	8.40	4.93
83	Faridabad	3*120+70 mm2	66 KV A-4	Indra Complex	5.60	4.93
84	Faridabad	3*120+70 mm2	66 KV A-4	Padam Nagar	5.00	4.93
85	Faridabad	3*120+70 mm2	220 KV Palla	K/Kalan Palla	5.00	4.93
86	Faridabad	3*120+70 mm2	66 KV A-4	Tigaon Road	1.50	4.93
87	Faridabad	3*120+70 mm2	220 KV A-5	BALLABGARH-I	1.50	4.93
88	Faridabad	3*120+70 mm2	66 KV Sector-64	RAGHUBIR COLONY	1.50	4.93
89	Faridabad	3*120+70 mm2	66 KV Sector-64	HARI VIHAR	2.00	4.93
90	Faridabad	3*120+70 mm2	66 KV Sector-64	ARYA NAGAR	2.00	4.93
91	Faridabad	3*120+70 mm2	66 KV Sector-64	MOHNA ROAD	2.00	4.93
92	Faridabad	3*120+70 mm2	66 KV Sector-64	BALLABGARH-III	2.00	4.93
93	Faridabad	3*120+70 mm2	220 KV A-5	Sector-3	3.00	4.93
94	Faridabad	3*120+70 mm2	220 KV A-5	Mother Dairy	1.00	4.93
95	Faridabad	3*120+70 mm2	220 KV A-5	Housing Board	2.00	4.93
96	Faridabad	3*120+70 mm2	66 KV Globe Steel	Sohna Road	2.00	4.93
97	Faridabad	3*120+70 mm2	220 KV A-5	Tigaon road	0.50	4.93
98	Faridabad	3*120+70 mm2	66 KV Globe Steel	Gurgaon Canal	1.50	4.93
99	Faridabad	3*120+70 mm2	66 KV Idgah	Chawala Colony	2.00	4.93
100	Faridabad	3*120+70 mm2	66 KV Hyderabad	PUBLIC HEALTH	1.10	4.93
101	Faridabad	3*120+70 mm2	66 KV Hyderabad	INDUSTRIAL	0.70	4.93
102	Faridabad	3*120+70 mm2	66 KV Hyderabad	RAJIV COLONY	0.70	4.93
103	Faridabad	3*120+70 mm2	66 KV Hyderabad	SECTOR-55	0.50	4.93
104	Faridabad	3*120+70 mm2	66 KV Hyderabad	KRISHNA COLONY	0.70	4.93
105	Faridabad	3*120+70 mm2	66 KV Hyderabad	KANNIN INDIA	1.00	4.93
106	Faridabad	3*120+70 mm2	66 KV Hyderabad	GOUNCHI	1.80	4.93
107	Faridabad	3*120+70 mm2	66 KV Hyderabad	CONTINENTAL PROCESS	1.00	4.93
108	Faridabad	3*120+70 mm2	66 KV Hyderabad	METAL INDIA	1.00	4.93
109	Faridabad	3*120+70 mm2	66 KV Jharsaintly	BHARAT PETROLEUM	2.70	4.93
110	Faridabad	3*120+70 mm2	66 KV Jharsaintly	SUNPAID	0.90	4.93
111	Faridabad	3*120+70 mm2	66 KV Jharsaintly	OLD PLATING ZONE	1.00	4.93
112	Faridabad	3*120+70 mm2	220 KV Pali	Sohna Road Pali	7.80	4.93
113	Faridabad	3*120+70 mm2	220 KV Pali	Saroorpur	6.40	4.93
114	Faridabad	3*120+70 mm2	220 KV Pali	Dabua Pali Road	1.00	4.93
115	Faridabad	3*120+70 mm2	220 KV Pali	PALI FCI	1.00	4.93
Sub Total					207.90	

J.UG Cable						
Sr No.	IPDS Town	Size of Cable	EHV Substation (Feeding Source)	Name of the feeder	Length of Feeder (Km)	Unit Rate
1	Faridabad	3C 300 mm2	66 KV FCI	NH-1	0.30	31.64
2	Faridabad	3C 300 mm2	66 KV A-2	Tikona Park	0.30	31.64
3	Faridabad	3C 300 mm2	66 KV FCI	Dabua Colony	0.30	31.64
4	Faridabad	3C 300 mm2	66 KV FCI	Pali Road	0.30	31.64
5	Faridabad	3C 300 mm2	66 KV FCI	Outer Road	0.30	31.64
6	Faridabad	3C 300 mm2	66 KV Dabriwala	Sector-24	0.30	31.64
7	Faridabad	3C 300 mm2	66 KV Dabriwala	Industrial	0.30	31.64

8	Faridabad	3C 300 mm2	66 KV Oswal	Hinustan Wire	0.30	31.64
9	Faridabad	3C 300 mm2	66 KV Oswal	Sapna-I	0.30	31.64
10	Faridabad	3C 300 mm2	66 KV A-2	Ringman-II	0.30	31.64
11	Faridabad	3C 300 mm2	66 KV A-2	Mujeshar	0.30	31.64
12	Faridabad	3C 300 mm2	66 KV A-2	Ringman-III	0.30	31.64
13	Faridabad	3C 300 mm2	66 KV A-2	Thermal Colony	0.30	31.64
14	Faridabad	3C 300 mm2	66 KV Oswal	Sector-23-A	0.40	31.64
15	Faridabad	3C 300 mm2	66 KV A-2	H.Board Colony	0.50	31.64
16	Faridabad	3C 300 mm2	66 KV Dabriwala	Sanjay Colony	0.40	31.64
17	Faridabad	3C 300 mm2	66 KV Dabriwala	Sohna Road	0.40	31.64
18	Faridabad	3C 300 mm2	66 KV Dabriwala	Eicher Colony	0.50	31.64
19	Faridabad	3C 300 mm2	66 KV A-2	PNB A-2	0.30	31.64
20	Faridabad	3C 300 mm2	66 KV FCI	Jawahar Colony-I	0.40	31.64
21	Faridabad	3C 300 mm2	66 KV FCI	Janta Colony	0.30	31.64
22	Faridabad	3C 300 mm2	66 KV FCI	Parvatia Colony	0.80	31.64
23	Faridabad	3C 300 mm2	66 KV FCI	Kapra Colony	1.10	31.64
24	Faridabad	3C 300 mm2	66 KV Ford	Sector-16	0.30	31.64
25	Faridabad	3C 300 mm2	66 KV A-4	Sector-17	0.30	31.64
26	Faridabad	3C 300 mm2	66 KV A-4	Sector-16 A-4	0.30	31.64
27	Faridabad	3C 300 mm2	66 KV Ford	Sector-16-B	0.30	31.64
28	Faridabad	3C 300 mm2	66 KV Ford	Sector-15	0.30	31.64
29	Faridabad	3C 300 mm2	66 KV Ford	Sector-14	0.30	31.64
30	Faridabad	3C 300 mm2	66 KV Ford	Sector-14 MKT	0.30	31.64
31	Faridabad	3C 300 mm2	66 KV Escort-II	Sector-11	0.30	31.64
32	Faridabad	3C 300 mm2	66 KV Escort-I	Prerna Dham	0.30	31.64
33	Faridabad	3C 300 mm2	66 KV Escort-I	CKT House	0.03	31.64
34	Faridabad	3C 300 mm2	66 KV Escort-I	Sector-15-A	0.30	31.64
35	Faridabad	3C 300 mm2	66 KV Escort-I	Sector-15-B	0.30	31.64
36	Faridabad	3C 300 mm2	66 KV Escort-I	Gym Khana	0.80	31.64
37	Faridabad	3C 300 mm2	66 KV Escort-I	Sector-12	0.70	31.64
38	Faridabad	3C 300 mm2	66 KV Escort-II	Sector-20-B	0.90	31.64
39	Faridabad	3C 300 mm2	66 KV A-4	11KV SEC-19 FDR	0.40	31.64
40	Faridabad	3C 300 mm2	66 KV A-4	11KV SEC-18 FDR	0.40	31.64
41	Faridabad	3C 300 mm2	66 KV A-4	11KV BASELWA	0.50	31.64
42	Faridabad	3C 300 mm2	66 KV A-4	11KV BHOOR FEEDER	0.50	31.64
43	Faridabad	3C 300 mm2	66 KV A-4	11KV CITY A-4	0.60	31.64
44	Faridabad	3C 300 mm2	66 KV Sector-31	11KV CITY SEC-31	0.50	31.64
45	Faridabad	3C 300 mm2	66 KV Sector-31	11KV SEC-28 -1	0.40	31.64
46	Faridabad	3C 300 mm2	66 KV Sector-31	11KV SEC-28 -11	0.30	31.64
47	Faridabad	3C 300 mm2	66 KV Sector-31	11KV SEC-29 HUDA	0.40	31.64
48	Faridabad	3C 300 mm2	66 KV Sector-31	11KV NEW CITY	0.30	31.64
49	Faridabad	3C 300 mm2	66 KV Sector-31	11KV SEC-31	0.50	31.64
50	Faridabad	3C 300 mm2	66 KV Sector-31	11KV DLF	0.50	31.64
51	Faridabad	3C 300 mm2	66 KV Sector-31	11KV J.V.V.	0.30	31.64
52	Faridabad	3C 300 mm2	66 KV Sector-31	11KV SEC-29	0.50	31.64
53	Faridabad	3C 300 mm2	66 KV Sector-31	11 KV COMPLAINT CENTRE	0.40	31.64
54	Faridabad	3C 300 mm2	66 KV NH-3	Sainik-I	0.70	31.64

55	Faridabad	3C 300 mm2	66 KV NH-3	SGM-A	0.80	31.64
56	Faridabad	3C 300 mm2	66 KV NH-3	SGM-B	0.50	31.64
57	Faridabad	3C 300 mm2	66 KV NH-3	SGM-C	0.50	31.64
58	Faridabad	3C 300 mm2	66 KV NH-3	Badkhal	1.20	31.64
59	Faridabad	3C 300 mm2	220 KV Palla	NEW DLF	0.50	31.64
60	Faridabad	3C 300 mm2	220 KV Palla	Sector-37	0.50	31.64
61	Faridabad	3C 300 mm2	66 KV USA	SurajKund	0.60	31.64
62	Faridabad	3C 300 mm2	66 KV USA	Anangpur	0.50	31.64
63	Faridabad	3C 300 mm2	220 KV Palla	Kanishka	0.30	31.64
64	Faridabad	3C 300 mm2	220 KV Palla	Ashoka	0.30	31.64
65	Faridabad	3C 300 mm2	220 KV Palla	Sapna MKT	0.50	31.64
66	Faridabad	3C 300 mm2	66 KV Sector-31	Escort Sec-31	0.60	31.64
67	Faridabad	3C 300 mm2	220 KV Palla	Havells	0.30	31.64
68	Faridabad	3C 300 mm2	220 KV Palla	Hemla	0.70	31.64
69	Faridabad	3C 300 mm2	220 KV Palla	JMA	0.30	31.64
70	Faridabad	3C 300 mm2	220 KV Palla	IGC	0.30	31.64
71	Faridabad	3C 300 mm2	220 KV Palla	Frick	0.40	31.64
72	Faridabad	3C 300 mm2	220 KV Palla	Escort Palla	0.40	31.64
73	Faridabad	3C 300 mm2	220 KV Palla	SAP	0.40	31.64
74	Faridabad	3C 300 mm2	220 KV Palla	York	0.40	31.64
75	Faridabad	3C 300 mm2	66 KV USA	Interlinking USA	0.40	31.64
76	Faridabad	3C 300 mm2	220 KV Palla	Santosh Nagar	1.00	31.64
77	Faridabad	3C 300 mm2	220 KV Palla	Tilpat	0.40	31.64
78	Faridabad	3C 300 mm2	220 KV Palla	K/Kalan Tilpat	0.40	31.64
79	Faridabad	3C 300 mm2	220 KV Palla	Palla	1.00	31.64
80	Faridabad	3C 300 mm2	220 KV Palla	Agwanpur	0.82	31.64
81	Faridabad	3C 300 mm2	220 KV Palla	Basantpur	0.30	31.64
82	Faridabad	3C 300 mm2	66 KV A-4	Indra Complex	1.80	31.64
83	Faridabad	3C 300 mm2	66 KV A-4	Padam Nagar	1.20	31.64
84	Faridabad	3C 300 mm2	220 KV Palla	K/Kalan Palla	0.50	31.64
85	Faridabad	3C 300 mm2	66 KV A-4	Tigaon Road	0.30	31.64
86	Faridabad	3C 300 mm2	66 KV Idgah	B.G. Ghai	0.30	31.64
87	Faridabad	3C 300 mm2	220 KV A-5	BALLABGARH-I	0.80	31.64
88	Faridabad	3C 300 mm2	66 KV Hyderabad	PUBLIC HEALTH	0.30	31.64
89	Faridabad	3C 300 mm2	66 KV Hyderabad	INDUSTRIAL	0.30	31.64
90	Faridabad	3C 300 mm2	66 KV Hyderabad	RAJIV COLONY	0.30	31.64
91	Faridabad	3C 300 mm2	66 KV Hyderabad	SECTOR-55	0.30	31.64
92	Faridabad	3C 300 mm2	66 KV Hyderabad	KRISHNA COLONY	0.30	31.64
93	Faridabad	3C 300 mm2	66 KV Hyderabad	KANNIN INDIA	0.30	31.64
94	Faridabad	3C 300 mm2	220 KV Pali	Sohna Road Pali	1.30	31.64
95	Faridabad	3C 300 mm2	220 KV Pali	Saroorpur	0.40	31.64
96	Faridabad	3C 300 mm2	220 KV Pali	Dabua Pali Road	0.40	31.64
97	Faridabad	3C 300 mm2	220 KV Pali	PALI FCI	0.40	31.64
Sub Total					45.45	

K. Installation of Distribution Transformer

Sr No.	Circle	Feeding Souce (EHV Substation)	Name of 11 kV Feeder	Proposed 100 KVA DTs (Nos)	Unit Rate for 100 KVA DT	Proposed 200 kVA DTs (Nos)
1	Faridabad	66 KV FCI	NH-1	0	0.00	3
2	Faridabad	66 KV A-2	Tikona Park	0	0.00	3
3	Faridabad	66 KV A-2	Township	0	0.00	12
4	Faridabad	66 KV A-2	Neelam	0	0.00	8
5	Faridabad	66 KV FCI	Golf Club	2	4.48	2
6	Faridabad	66 KV FCI	Ring Road	4	8.96	4
7	Faridabad	66 KV FCI	NH-2	5	11.20	0
8	Faridabad	66 KV FCI	Dabua Colony	5	11.20	2
9	Faridabad	66 KV FCI	Pali Road	5	11.20	9
10	Faridabad	66 KV FCI	Outer Road	10	22.40	2
11	Faridabad	66 KV Dabriwala	Sector-24	0	0.00	5
12	Faridabad	66 KV Dabriwala	Industrial	0	0.00	3
13	Faridabad	66 KV A-2	Ringman-II	0	0.00	4
14	Faridabad	66 KV A-2	Mujeshar	0	0.00	5
15	Faridabad	66 KV A-2	Ringman-III	0	0.00	5
16	Faridabad	66 KV A-2	Thermal Colony	0	0.00	6
17	Faridabad	66 KV Oswal	Sector-23-A	0	0.00	10
18	Faridabad	66 KV A-2	H.Board Colony	0	0.00	9
19	Faridabad	66 KV Dabriwala	Sanjay Colony	0	0.00	12
20	Faridabad	66 KV Dabriwala	Sohna Road	0	0.00	8
21	Faridabad	66 KV Dabriwala	Eicher Colony	0	0.00	10
22	Faridabad	66 KV A-2	PNB A-2	0	0.00	4
23	Faridabad	66 KV NH-3	K.C. Road	0	0.00	4
24	Faridabad	66 KV A-2	NH-V	0	0.00	3
25	Faridabad	66 KV NH-3	PNB NH-3	0	0.00	2
26	Faridabad	66 KV FCI	Jawahar Colony-I	0	0.00	5
27	Faridabad	66 KV FCI	Jawahar Colony-II	0	0.00	5
28	Faridabad	66 KV FCI	Janta Colony	0	0.00	6
29	Faridabad	66 KV FCI	Parvatia Colony	0	0.00	4
30	Faridabad	66 KV FCI	Kapra Colony	0	0.00	4
31	Faridabad	66 KV Ford	Sector-16	5	11.20	5
32	Faridabad	66 KV A-4	Sector-17	5	11.20	5
33	Faridabad	66 KV A-4	Sector-16 A-4	5	11.20	5
34	Faridabad	66 KV Ford	Sector-16-B	5	11.20	5
35	Faridabad	66 KV Ford	Sector-15	5	11.20	5
36	Faridabad	66 KV Ford	Sector-14	5	11.20	5
37	Faridabad	66 KV Ford	Sector-14 MKT	5	11.20	5
38	Faridabad	66 KV Escort-II	Sector-11	5	11.20	5
39	Faridabad	66 KV Escort-I	Perna Dham	5	11.20	5

40	Faridabad	66 KV Escort-I	CKT House	5	11.20	5
41	Faridabad	66 KV Escort-I	Sector-15-A	5	11.20	5
42	Faridabad	66 KV Escort-I	Sector-15-B	5	11.20	5
43	Faridabad	66 KV Escort-I	Gym Khana	5	11.20	5
44	Faridabad	66 KV Escort-I	Sector-12	5	11.20	5
45	Faridabad	66 KV Escort-II	Sector-20-B	5	11.20	5
46	Faridabad	66 KV Escort-I	Gym Khana	0	0.00	2
47	Faridabad	66 KV Escort-I	Prerna Dham	0	0.00	2
48	Faridabad	66 KV Escort-I	Sector-15-B	0	0.00	2
49	Faridabad	66 KV A-4	11KV SEC-19 FDR	0	0.00	4
50	Faridabad	66 KV A-4	11KV SEC-18 FDR	0	0.00	4
51	Faridabad	66 KV A-4	11KV BASELWA	0	0.00	4
52	Faridabad	66 KV A-4	11KV BHOOR FEEDER	0	0.00	4
53	Faridabad	66 KV A-4	11KV CITY A-4	0	0.00	4
54	Faridabad	66 KV Sector-31	11KV CITY SEC-31	0	0.00	4
55	Faridabad	66 KV Sector-31	11KV SEC-28 -1	0	0.00	4
56	Faridabad	66 KV Sector-31	11KV SEC-28 -11	0	0.00	4
57	Faridabad	66 KV Sector-31	11KV SEC-29 HUDA	0	0.00	4
58	Faridabad	66 KV Sector-31	11KV NEW CITY	0	0.00	4
59	Faridabad	66 KV Sector-31	11KV SEC-31	0	0.00	4
60	Faridabad	66 KV Sector-31	11KV DLF	0	0.00	4
61	Faridabad	66 KV Sector-31	11KV J.V.V.	0	0.00	7
62	Faridabad	66 KV Sector-31	11 KV HSIDC	0	0.00	2
63	Faridabad	66 KV Sector-31	11KV SEC-29	0	0.00	5
64	Faridabad	66 KV Sector-31	COMPLAINT CENTRE	0	0.00	5
65	Faridabad	66 KV NH-3	Sainik-I	0	0.00	7
66	Faridabad	66 KV NH-3	NH-IV	0	0.00	5
67	Faridabad	66 KV Sector-46	Sector-46	0	0.00	5
68	Faridabad	66 KV NH-3	SGM-A	0	0.00	7
69	Faridabad	66 KV NH-3	SGM-B	0	0.00	6
70	Faridabad	66 KV NH-3	SGM-C	0	0.00	5
71	Faridabad	66 KV NH-3	Badkhal	0	0.00	5
72	Faridabad	220 KV Palla	NEW DLF	0	0.00	4
73	Faridabad	220 KV Palla	Sector-37	0	0.00	4
74	Faridabad	66 KV USA	SurajKund	0	0.00	5
75	Faridabad	66 KV USA	Anangpur	0	0.00	5
76	Faridabad	220 KV Palla	Kanishka	0	0.00	5
77	Faridabad	220 KV Palla	Ashoka	0	0.00	4
78	Faridabad	220 KV Palla	Sapna MKT	0	0.00	4
79	Faridabad	66 KV Sector-31	Escort Sec-31	0	0.00	5
80	Faridabad	220 KV Palla	Havells	0	0.00	4
81	Faridabad	220 KV Palla	Hemla	0	0.00	4

82	Faridabad	220 KV Palla	JMA	0	0.00	4
83	Faridabad	220 KV Palla	IGC	0	0.00	4
84	Faridabad	220 KV Palla	Frick	0	0.00	4
85	Faridabad	220 KV Palla	Escort Palla	0	0.00	4
86	Faridabad	220 KV Palla	SAP	0	0.00	4
87	Faridabad	220 KV Palla	York	0	0.00	4
88	Faridabad	66 KV USA	Interlinking USA	0	0.00	4
89	Faridabad	220 KV Palla	Santosh Nagar	0	0.00	5
90	Faridabad	220 KV Palla	Tilpat	5	11.20	5
91	Faridabad	220 KV Palla	K/Kalan Tilpat	5	11.20	4
92	Faridabad	220 KV Palla	Palla	10	22.40	8
93	Faridabad	220 KV Palla	Agwanpur	10	22.40	8
94	Faridabad	220 KV Palla	Basantpur	5	11.20	5
95	Faridabad	66 KV A-4	Indra Complex	12	26.88	0
96	Faridabad	66 KV A-4	Padam Nagar	8	17.92	0
97	Faridabad	220 KV Palla	K/Kalan Palla	6	13.44	0
98	Faridabad	66 KV A-4	Tigaon Road	9	20.16	0
99	Faridabad	66 KV Ford	Sector-9 (West)	0	0.00	5
100	Faridabad	66 KV Ford	Sector-9 (East)	0	0.00	5
101	Faridabad	220 KV A-5	Sector-9	0	0.00	5
102	Faridabad	220 KV A-5	Sector-10	0	0.00	5
103	Faridabad	66 KV Ford	Sector-10 DLF	0	0.00	5
104	Faridabad	220 KV A-5	Sector-8	0	0.00	4
105	Faridabad	220 KV A-5	Sector-7	0	0.00	2
106	Faridabad	66 KV Escort-II	SMIE	0	0.00	5
107	Faridabad	220 KV A-5	MCF	0	0.00	2
108	Faridabad	220 KV A-5	BALLABGARH-I	0	0.00	2
109	Faridabad	66 KV Sector-64	RAGHUBIR COLONY	0	0.00	8
110	Faridabad	66 KV Sector-64	HARI VIHAR	0	0.00	5
111	Faridabad	66 KV Sector-64	ARYA NAGAR	0	0.00	3
112	Faridabad	66 KV Sector-64	MOHNA ROAD	0	0.00	2
113	Faridabad	66 KV Sector-64	BALLABGARH-III	0	0.00	2
114	Faridabad	220 KV A-5	Sector-3	0	0.00	5
115	Faridabad	220 KV A-5	Mother Dairy	0	0.00	5
116	Faridabad	220 KV A-5	Housing Board	0	0.00	3
117	Faridabad	66 KV Globe Steel	Sohna Road	0	0.00	8
118	Faridabad	220 KV A-5	Tigaon road	0	0.00	3
119	Faridabad	66 KV Globe Steel	Gurgaon Canal	0	0.00	6
120	Faridabad	66 KV Idgah	Chawala Colony	0	0.00	2
121	Faridabad	66 KV Hyderabad	RAJIV COLONY	8	17.92	6
122	Faridabad	66 KV Hyderabad	SECTOR-55	0	0.00	5
123	Faridabad	66 KV Hyderabad	KRISHNA COLONY	0	0.00	8

124	Faridabad	66 KV Hyderabad	GOUNCHI	3	6.72	8
125	Faridabad	66 KV Jharsaintly	BHARAT PETROLEUM	2	4.48	0
126	Faridabad	66 KV Jharsaintly	SUNPAID	2	4.48	2
127	Faridabad	220 KV Pali	Sohna Road	22	49.28	0
128	Faridabad	220 KV Pali	Saroorpur	20	44.80	0
129	Faridabad	220 KV Pali	DABUA PALI ROAD	6	13.44	0
130	Faridabad	220 KV Pali	PALI FCI	11	24.64	0
Sub Total				250	560.00	575

2842.75

L. LT Line						
Sr No.	IPDS Town	New Feeder/ Bifurcatoin	EHV Substation (Feeding Source)	Name of the feeder (Conductor Size 100 Sqmm)	Length of Feeder (Km)	Unit Rate
1	Faridabad	Bifurcation	66 KV FCI	NH-1	4.32	5.21
2	Faridabad	Bifurcation	66 KV A-2	Township	5.55	5.21
3	Faridabad	Bifurcation	66 KV A-2	Neelam	3.09	5.21
4	Faridabad	Bifurcation	66 KV FCI	Golf Club	4.63	5.21
5	Faridabad	Bifurcation	66 KV FCI	Ring Road	4.94	5.21
6	Faridabad	Bifurcation	66 KV FCI	NH-2	4.32	5.21
7	Faridabad	Bifurcation	66 KV FCI	Dabua Colony	3.70	5.21
8	Faridabad	Bifurcation	66 KV FCI	Pali Road	5.55	5.21
9	Faridabad	Bifurcation	66 KV FCI	Outer Road	4.94	5.21
10	Faridabad	Bifurcation	66 KV Dabriwala	Sector-24	2.47	5.21
11	Faridabad	Bifurcation	66 KV Dabriwala	Indo	2.47	5.21
12	Faridabad	Bifurcation	66 KV Dabriwala	Industrial	3.09	5.21
13	Faridabad	Bifurcation	66 KV Oswal	Hinustan Wire	2.47	5.21
14	Faridabad	Bifurcation	66 KV Oswal	Sapna-I	3.09	5.21
15	Faridabad	Bifurcation	66 KV A-2	Ringman-II	3.09	5.21
16	Faridabad	Bifurcation	66 KV A-2	Mujeshar	2.47	5.21
17	Faridabad	Bifurcation	66 KV A-2	Ringman-III	2.47	5.21
18	Faridabad	Bifurcation	66 KV A-2	Thermal Colony	2.47	5.21
19	Faridabad	Bifurcation	66 KV Oswal	Sector-23-A	3.09	5.21
20	Faridabad	Bifurcation	66 KV A-2	H.Board Colony	4.32	5.21
21	Faridabad	Bifurcation	66 KV Dabriwala	Sanjay Colony	11.11	5.21
22	Faridabad	Bifurcation	66 KV Dabriwala	Sohna Road	9.87	5.21
23	Faridabad	Bifurcation	66 KV Dabriwala	Eicher Colony	7.40	5.21
24	Faridabad	Bifurcation	66 KV A-2	PNB A-2	5.86	5.21
25	Faridabad	Bifurcation	66 KV NH-3	Gandhi Colony	4.63	5.21
26	Faridabad	Bifurcation	66 KV NH-3	K.C. Road	3.09	5.21
27	Faridabad	Bifurcation	66 KV A-2	NH-V	9.26	5.21
28	Faridabad	Bifurcation	66 KV NH-3	PNB NH-3	4.94	5.21
29	Faridabad	Bifurcation	66 KV FCI	Jawahar Colony-I	4.32	5.21
30	Faridabad	Bifurcation	66 KV FCI	Jawahar Colony-II	4.94	5.21
31	Faridabad	Bifurcation	66 KV FCI	Janta Colony	4.94	5.21
32	Faridabad	Bifurcation	66 KV FCI	Parvatia Colony	4.94	5.21
33	Faridabad	Bifurcation	66 KV FCI	Kapra Colony	4.32	5.21

34	Faridabad	Bifurcation	66 KV Ford	Sector-16	4.32	5.21
35	Faridabad	Bifurcation	66 KV A-4	Sector-17	4.32	5.21
36	Faridabad	Bifurcation	66 KV A-4	Sector-16 A-4	4.32	5.21
37	Faridabad	Bifurcation	66 KV Ford	Sector-16-B	4.32	5.21
38	Faridabad	Bifurcation	66 KV Ford	Sector-15	4.32	5.21
39	Faridabad	Bifurcation	66 KV Ford	Sector-14	4.32	5.21
40	Faridabad	Bifurcation	66 KV Ford	Sector-14 MKT	4.32	5.21
41	Faridabad	Bifurcation	66 KV Escort-II	Sector-11	3.70	5.21
42	Faridabad	Bifurcation	66 KV Escort-I	Prerna Dham	3.09	5.21
43	Faridabad	Bifurcation	66 KV Escort-I	CKT House	3.70	5.21
44	Faridabad	Bifurcation	66 KV Escort-I	Sector-15-A	3.70	5.21
45	Faridabad	Bifurcation	66 KV Escort-I	Sector-15-B	3.70	5.21
46	Faridabad	Bifurcation	66 KV Escort-I	Gym Khana	2.47	5.21
47	Faridabad	Bifurcation	66 KV Escort-I	Sector-12	3.09	5.21
48	Faridabad	Bifurcation	66 KV Escort-II	Sector-20-B	4.32	5.21
49	Faridabad	Bifurcation	66 KV Escort-I	Gym Khana	3.70	5.21
50	Faridabad	Bifurcation	66 KV Escort-I	Prerna Dham	3.09	5.21
51	Faridabad	Bifurcation	66 KV Escort-I	Sector-15-B	3.09	5.21
52	Faridabad	Bifurcation	66 KV A-4	11KV SEC-19 FDR	3.09	5.21
53	Faridabad	Bifurcation	66 KV A-4	11KV SEC-18 FDR	3.70	5.21
54	Faridabad	Bifurcation	66 KV A-4	11KV BASELWA	3.09	5.21
55	Faridabad	Bifurcation	66 KV A-4	11KV BHOOR FEEDER	6.17	5.21
56	Faridabad	Bifurcation	66 KV A-4	11KV CITY A-4	4.94	5.21
57	Faridabad	Bifurcation	66 KV Sector-31	11KV CITY SEC-31	3.09	5.21
58	Faridabad	Bifurcation	66 KV Sector-31	11KV SEC-28 -1	3.09	5.21
59	Faridabad	Bifurcation	66 KV Sector-31	11KV SEC-28 -11	2.47	5.21
60	Faridabad	Bifurcation	66 KV Sector-31	11KV SEC-29 HUDA	2.47	5.21
61	Faridabad	Bifurcation	66 KV Sector-31	11KV NEW CITY	2.47	5.21
62	Faridabad	Bifurcation	66 KV Sector-31	11KV SEC-31	2.47	5.21
63	Faridabad	Bifurcation	66 KV Sector-31	11KV DLF	3.09	5.21
64	Faridabad	Bifurcation	66 KV Sector-31	11KV J.V.V.	2.47	5.21
65	Faridabad	Bifurcation	66 KV Sector-31	11 KV HSIDC	2.47	5.21
66	Faridabad	Bifurcation	66 KV Sector-31	11KV SEC-29	3.09	5.21
67	Faridabad	Bifurcation	66 KV Sector-31	11 KV COMPLAINT CENTRE	2.47	5.21
68	Faridabad	Bifurcation	66 KV NH-3	Sainik-I	3.09	5.21
69	Faridabad	Bifurcation	66 KV NH-3	NH-IV	2.78	5.21
70	Faridabad	Bifurcation	66 KV Sector-46	Sector-46	4.57	5.21
71	Faridabad	Bifurcation	66 KV NH-3	SGM-A	4.94	5.21
72	Faridabad	Bifurcation	66 KV NH-3	SGM-B	4.32	5.21
73	Faridabad	Bifurcation	66 KV NH-3	SGM-C	4.94	5.21
74	Faridabad	Bifurcation	66 KV NH-3	Badkhal	2.47	5.21
75	Faridabad	Bifurcation	220 KV Palla	NEW DLF	2.47	5.21
76	Faridabad	Bifurcation	220 KV Palla	Sector-37	2.78	5.21
77	Faridabad	Bifurcation	66 KV USA	SurajKund	4.57	5.21
78	Faridabad	Bifurcation	66 KV USA	Anangpur	2.47	5.21
79	Faridabad	Bifurcation	220 KV Palla	Kanishka	1.85	5.21
80	Faridabad	Bifurcation	220 KV Palla	Ashoka	2.47	5.21

81	Faridabad	Bifurcation	220 KV Palla	Sapna MKT	1.85	5.21
82	Faridabad	Bifurcation	66 KV Sector-31	Escort Sec-31	2.16	5.21
83	Faridabad	Bifurcation	220 KV Palla	Havells	1.85	5.21
84	Faridabad	Bifurcation	220 KV Palla	Hemla	1.54	5.21
85	Faridabad	Bifurcation	220 KV Palla	JMA	1.85	5.21
86	Faridabad	Bifurcation	220 KV Palla	IGC	2.16	5.21
87	Faridabad	Bifurcation	220 KV Palla	Frick	1.85	5.21
88	Faridabad	Bifurcation	220 KV Palla	Escort Palla	1.54	5.21
89	Faridabad	Bifurcation	220 KV Palla	SAP	1.85	5.21
90	Faridabad	Bifurcation	220 KV Palla	York	2.16	5.21
91	Faridabad	Bifurcation	66 KV USA	Interlinking USA	2.47	5.21
92	Faridabad	Bifurcation	220 KV Palla	Santosh Nagar	3.09	5.21
93	Faridabad	Bifurcation	66 KV A-4	Indra Complex	4.32	5.21
94	Faridabad	Bifurcation	66 KV A-4	Padam Nagar	3.09	5.21
95	Faridabad	Bifurcation	220 KV Palla	K/Kalan Palla	4.01	5.21
96	Faridabad	Bifurcation	66 KV A-4	Tigaon Road	5.24	5.21
97	Faridabad	Bifurcation	66 KV Ford	Sector-9 (West)	4.94	5.21
98	Faridabad	Bifurcation	66 KV Ford	Sector-9 (East)	4.32	5.21
99	Faridabad	Bifurcation	220 KV A-5	Sector-9	3.70	5.21
100	Faridabad	Bifurcation	220 KV A-5	Sector-10	4.94	5.21
101	Faridabad	Bifurcation	66 KV Ford	Sector-10 DLF	3.09	5.21
102	Faridabad	Bifurcation	220 KV A-5	Sector-8	4.32	5.21
103	Faridabad	Bifurcation	220 KV A-5	Sector-7	4.94	5.21
104	Faridabad	Bifurcation	66 KV Escort-II	SMIE	3.09	5.21
105	Faridabad	Bifurcation	220 KV A-5	MCF	3.70	5.21
106	Faridabad	Bifurcation	66 KV Idgah	Sovern	3.09	5.21
107	Faridabad	Bifurcation	66 KV Idgah	B.D. Ghai	3.70	5.21
108	Faridabad	Bifurcation	220 KV A-5	BALLABGARH-I	4.94	5.21
109	Faridabad	Bifurcation	66 KV Sector-64	RAGHUBIR COLONY	4.32	5.21
110	Faridabad	Bifurcation	66 KV Sector-64	HARI VIHAR	4.94	5.21
111	Faridabad	Bifurcation	66 KV Sector-64	ARYA NAGAR	1.85	5.21
112	Faridabad	Bifurcation	66 KV Sector-64	MOHNA ROAD	1.85	5.21
113	Faridabad	Bifurcation	66 KV Sector-64	BALLABGARH-III	1.85	5.21
114	Faridabad	Bifurcation	220 KV A-5	Sector-3	3.09	5.21
115	Faridabad	Bifurcation	220 KV A-5	Mother Dairy	3.09	5.21
116	Faridabad	Bifurcation	220 KV A-5	Housing Board	1.85	5.21
117	Faridabad	Bifurcation	66 KV Globe Steel	Sohna Road	4.94	5.21
118	Faridabad	Bifurcation	220 KV A-5	Tigaon road	3.09	5.21
119	Faridabad	Bifurcation	66 KV Globe Steel	Gurgaon Canal	4.94	5.21
120	Faridabad	Bifurcation	66 KV Idgah	Chawala Colony	4.94	5.21
121	Faridabad	Bifurcation	66 KV Hyderabad	PUBLIC HEALTH	3.09	5.21
122	Faridabad	Bifurcation	66 KV Hyderabad	INDUSTRIAL	2.48	5.21
123	Faridabad	Bifurcation	66 KV Hyderabad	RAJIV COLONY	9.30	5.21
124	Faridabad	Bifurcation	66 KV Hyderabad	SECTOR-55	6.20	5.21
125	Faridabad	Bifurcation	66 KV Hyderabad	KRISHNA COLONY	8.10	5.21
126	Faridabad	Bifurcation	66 KV Hyderabad	KANNIN INDIA	4.40	5.21
127	Faridabad	Bifurcation	66 KV Hyderabad	GOUNCHI	9.30	5.21

128	Faridabad	Bifurcation	66 KV Hyderabad	CONTINENTAL PROCESS	3.09	5.21
129	Faridabad	Bifurcation	66 KV Hyderabad	METAL INDIA	3.02	5.21
130	Faridabad	Bifurcation	66 KV Jharsaintly	BHARAT PETROLEUM	5.56	5.21
131	Faridabad	Bifurcation	66 KV Jharsaintly	SUNPAID	4.94	5.21
132	Faridabad	Bifurcation	66 KV Jharsaintly	IRCON	4.32	5.21
133	Faridabad	Bifurcation	66 KV Jharsaintly	OLD PLATING ZONE	3.09	5.21
134	Faridabad	Bifurcation	66 KV Jharsaintly	PLATING ZONE	4.32	5.21
135	Faridabad	Bifurcation	220 KV Pali	Sohna Road	9.26	5.21
136	Faridabad	Bifurcation	220 KV Pali	Saroorpur	7.41	5.21
137	Faridabad	Bifurcation	66 KV Dhauj	C1 & C2 (DHOIJ)	4.94	5.21
138	Faridabad	Bifurcation	220 KV Pali	C1 & C2 (PALI)	6.17	5.21
139	Faridabad	Bifurcation	220 KV Pali	C3 & C4 (PALI)	4.94	5.21
140	Faridabad	Bifurcation	220 KV Pali	DABUA PALI ROAD	3.71	5.21
141	Faridabad	Bifurcation	220 KV Pali	PALI FCI	4.32	5.21
Sub Total					556.694	2900.37

List of Govt Eshtablishments where Prepaid Meter are to be installed.

Sr No.	IPDS Town	Name of Govt Eshtablishment	Total Nos of Prepaid meter Requirement	Unit rate
1	Faridabad	GOVT. G. SEC. SEC. SCHOOL NO.1 NIT FBD.	1	12000
2	Faridabad	GEM. BUS STAND H. ROAD WAYS DUSHERA GROUND NIT FBD	1	12000
3	Faridabad	SAB POSTER 1B-61 NIT FBD	1	12000
4	Faridabad	POLICE KOTWALI NIT FBD	1	12000
5	Faridabad	A.E COMPLEX DISPENTIUY A.C NAGAR NIT FBD.	1	12000
6	Faridabad	SULABH TOLER A.C NAGAR MCF FBD.	1	12000
7	Faridabad	SULABH TOELET A.C NAGAR M.C.F FBD	1	12000
8	Faridabad	SDE. PH. SLAUGHTER HOUSE A.C NAGAR M.C.F FBD	1	12000
9	Faridabad	S.D.E. P/H TOELET M.C.F NG. FBD.	1	12000
10	Faridabad	S.D.O COMPLEX FIRC STATION N.G. NIT FBD	1	12000
11	Faridabad	H.M. Gov. School Nh-1 Faridabad	1	12000
12	Faridabad	HEAD TEACHER Govt. Boys Primary School No.-1 Faridabad	1	12000
13	Faridabad	Kamlesh Tewatia G.G.P.S. No.1 K Block NIT FBD	1	12000
14	Faridabad	C M O 1J-120 NIT Faridabad	1	12000
15	Faridabad	Govt Girls School K Block NIT Faridabad	1	12000
16	Faridabad	MCF NIT Fbd.Library NH-2 NIT FBD	1	12000

17	Faridabad	Sulab SochalyaD-Blk Dabua Colony NIT FBD	1	12000
18	Faridabad	Govt. Girls Sr. SchoolNear S/Divn No.2 NH-2 Faridabad	1	12000
19	Faridabad	Govt. Primary SchoolNH-2 NIT Faridabad	1	12000
20	Faridabad	Govt Sr. Sec SchoolTikona Park NH-2 NIT Faridabad	1	12000
21	Faridabad	Head MistressGPS Harijan Basti	1	12000
22	Faridabad	M/s Principle MiddleNH-2 NIT Faridabad	1	12000
23	Faridabad	M/s Principle hostel boys Sr. sec. schoolTikona Park NH-2 NIT Faridabad	1	12000
24	Faridabad	Incharge govt. public school G.P.SDabua colony NIT Faridabad	1	12000
25	Faridabad	M/s General SectNH-2 NIT Faridabad	1	12000
26	Faridabad	M/s Sectt SportsNH-2 NIT Faridabad	1	12000
27	Faridabad	M/s Sectt DisttNH-2 NIT Faridabad	1	12000
28	Faridabad	M/s Bal BhawanNH-2 NIT Faridabad	1	12000
29	Faridabad	M/s Super BazaarNH-2 NIT Faridabad	1	12000
30	Faridabad	M/s Haryana Nevel UnitNH-2 NIT Faridabad	1	12000
31	Faridabad	SHO Police Stattion2C NH-2 NT Faridabad	1	12000
32	Faridabad	Police PostDabua Colony NIT Faridabad	1	12000
33	Faridabad	Distt HolicultureDabua Colony NIT Faridabad	1	12000
34	Faridabad	ED Com Secy Mkt Committee Dabua Colony NIT Faridabad	1	12000
35	Faridabad	A.E.MCF SULABH SOCHLAYA MUJESSAR	1	12000
36	Faridabad	A.E MCF SULBAH MUJESSAR FBD	1	12000
37	Faridabad	sulbah sochlaya Mujessar FBD	1	12000
38	Faridabad	HEAD M/M SCHOOL FARIDABAD	1	12000
39	Faridabad	SDC CIVIL SPEED TPM FARIDABAD	1	12000
40	Faridabad	CLUB FLASH OFFICE FARIDABAD	1	12000
41	Faridabad	T.P.H.T FARIDABAD	1	12000
42	Faridabad	AEE WATER SUPPLY SEC-22 FARIDABAD	1	12000
43	Faridabad	WATER SUPPLY O/HOUSE FARIDABAD	1	12000
44	Faridabad	WATER SUPPLY O/HOUSE FARIDABAD	1	12000
45	Faridabad	WATER SUPPLY O/HOUSE FARIDABAD	1	12000
46	Faridabad	AEE DESPOSAL FARIDABAD	1	12000
47	Faridabad	AGM CCC SEC-23 FARIDABAD	1	12000

48	Faridabad	AEE DESPOSAL SEC-24 FARIDABAD	1	12000
49	Faridabad	POLICE STATION, INDL AREA	1	12000
50	Faridabad	POLICE SATATION SANJAY COLONY	1	12000
51	Faridabad	SHO POLICE STATION, SEC-24 MUJESSAR	1	12000
52	Faridabad	ESI office Gandhi Colony	1	12000
53	Faridabad	ESI office Gandhi Colony	1	12000
54	Faridabad	Principal Govt. Girls Senior Sec. School	1	12000
55	Faridabad	Post office No.5	1	12000
56	Faridabad	Post office No.5	1	12000
57	Faridabad	Post master Faridabad Head Post office	1	12000
58	Faridabad	The Superitendent observation New Sewa Sadan	1	12000
59	Faridabad	Treasury office FaridabadCC23/0763	1	12000
60	Faridabad	Child Sewa Sadan office FBD.	1	12000
61	Faridabad	Kasturba Sewa Sadan Neelam Chowk	1	12000
62	Faridabad	W.C.D.P.O.N Near Kasturba Sewa Sadan	1	12000
63	Faridabad	Kasturba Sewa Sadan Neelam Chowk	1	12000
64	Faridabad	SHO Office No.5	1	12000
65	Faridabad	SHO Thana No.5	1	12000
66	Faridabad	Head master Govt. Girls School	1	12000
67	Faridabad	Post master ATM No.5	1	12000
68	Faridabad	GOVT VAT DISPENSARY	1	12000
69	Faridabad	SH PANDIT SHIV CHARAN LAL SHARMA	1	12000
70	Faridabad	SARVESH KUMARI	1	12000
71	Faridabad	VEERWATI NAIN	1	12000
72	Faridabad	POST MASTER	1	12000
73	Faridabad	RAIN BASERA	1	12000
74	Faridabad	HEAD MASTER GOVT.SCHOOL	1	12000
75	Faridabad	CENTRAL BANK OF INDIA	1	12000
76	Faridabad	CANARA BANK	1	12000
77	Faridabad	SH PANDIT SHIV CHARAN LAL SHARMA	1	12000
78	Faridabad	GOVT GIRLS PRIMARY SCHOOL	1	12000
79	Faridabad	Xen 'OP" Divn. Ballabgarh	1	12000
80	Faridabad	Complaint center-7	1	12000
81	Faridabad	Complaint center-6	1	12000
82	Faridabad	SDO 'OP' S/Divn. I/Area	1	12000
83	Faridabad	Complaitn center-10	1	12000
84	Faridabad	AGM M&P	1	12000
85	Faridabad	SDE Huda By pass	1	12000

86	Faridabad	SDE Huda Disposal	1	12000
87	Faridabad	SDE Huda	1	12000
88	Faridabad	SDE Huda	1	12000
89	Faridabad	Principal Woman Polytechnic-8	1	12000
90	Faridabad	ESI Hospital	1	12000
91	Faridabad	M/s Maneger	1	12000
92	Faridabad	G.M. Telephone	1	12000
93	Faridabad	C.R.I	1	12000
94	Faridabad	TRW	1	12000
95	Faridabad	SHO, Police, Sec-8	1	12000
96	Faridabad	Incharge Police Post Sec-8	1	12000
97	Faridabad	Police Station, 7E	1	12000
98	Faridabad	PWD	1	12000
99	Faridabad	Public health	1	12000
100	Faridabad	Gram Panchyat	1	12000
101	Faridabad	ADM Urban State	1	12000
102	Faridabad	ADM Urban State	1	12000
103	Faridabad	ADM Urban State	1	12000
104	Faridabad	SDE Huda	1	12000
105	Faridabad	SDE Huda	1	12000
106	Faridabad	SDE Huda	1	12000
107	Faridabad	SDE Huda	1	12000
108	Faridabad	AE Complex	1	12000
109	Faridabad	State Office	1	12000
110	Faridabad	SDE Huda	1	12000
111	Faridabad	SDE Huda	1	12000
112	Faridabad	SDE Huda	1	12000
113	Faridabad	SDE Huda	1	12000
114	Faridabad	SDE Huda	1	12000
115	Faridabad	SDE Huda	1	12000
116	Faridabad	SDE Huda	1	12000
117	Faridabad	SDE 9-10, Devinder RO Form	1	12000
118	Faridabad	SDE Huda YMCA Chowk	1	12000
119	Faridabad	DIRECTOR NATIONAL INSTITUTE	1	12000
120	Faridabad	INDIAN RAILWAY STATION	1	12000
121	Faridabad	M/S BSNL GMTD	1	12000
122	Faridabad	M/S BSNL GMTD	1	12000
123	Faridabad	M/S GMID BSNL	1	12000
124	Faridabad	M/S MTNL MOBILE	1	12000
125	Faridabad	M/S NPCC	1	12000
126	Faridabad	M/S NPCC	1	12000
127	Faridabad	M/S NTPC	1	12000

128	Faridabad	MTNL	1	12000
129	Faridabad	REAGINAL REF LAB STANDERD	1	12000
130	Faridabad	SARPANCH GRAM PANCHYAT	1	12000
131	Faridabad	SDE P/HEALTH	1	12000
132	Faridabad	M/S DISPO HEALTH & L	1	12000
133	Faridabad	GOVT MIDDLE SCHOOL	1	12000
134	Faridabad	GOVT MIDDLE SCHOOL	1	12000
135	Faridabad	GOVT PRIMARY SCHOOL	1	12000
136	Faridabad	GOVT PRIMARY SCHOOL	1	12000
137	Faridabad	GOVT PRIMARY SCHOOL	1	12000
138	Faridabad	GOVT PRIMARY SCHOOL	1	12000
139	Faridabad	GOVT PRIMARY SCHOOL	1	12000
140	Faridabad	GOVT PRIMARY SCHOOL	1	12000
141	Faridabad	GOVT PRIMARY SCHOOL	1	12000
142	Faridabad	GOVT PRIMARY SCHOOL	1	12000
143	Faridabad	GOVT PRIMARY SCHOOL	1	12000
144	Faridabad	GOVT PRIMARY SCHOOL	1	12000
145	Faridabad	GOVT PRIMARY SCHOOL	1	12000
146	Faridabad	GOVT PRIMARY SCHOOL	1	12000
147	Faridabad	GOVT SENIOR SEC SCHOOL	1	12000
148	Faridabad	GOVT SR SEC SCHOOL	1	12000
149	Faridabad	GOVT SR SECONDRY SCHOOL	1	12000
150	Faridabad	GOVT VETERINARY DISPENSORY	1	12000
151	Faridabad	GOVT VETERINARY DISPENSARY	1	12000
152	Faridabad	GOVT. PRIMARY SCHOOL	1	12000
153	Faridabad	GOVT. PRIMARY SCHOOL	1	12000
154	Faridabad	GOVT. PRIMARY SCHOOL	1	12000
155	Faridabad	GRAM PANCHAYAT	1	12000
156	Faridabad	HEAD MASTER	1	12000
157	Faridabad	HEAD MASTER	1	12000
158	Faridabad	HEAD TEACHER GOVT	1	12000
159	Faridabad	HEAD TEACHER GOVT. PRIMARY SCHOOL	1	12000
160	Faridabad	SHREE VIRDHAWAS SOCIETY(REGD)	1	12000
161	Faridabad	SMO HEALTH DEPARTMEN	1	12000
162	Faridabad	POLICE CHOWKI	1	12000
163	Faridabad	POLICE STATION	1	12000
164	Faridabad	GOVT GIRL S.SEC.	1	12000
165	Faridabad	GOVT SEC SCHOOL	1	12000
166	Faridabad	GOVT. BOYS PRIMARY SCHOOL	1	12000
167	Faridabad	GOVT. GIRLS PRIMARY SCHOOL	1	12000
168	Faridabad	GOVT. MIDDLE SCHOOL	1	12000

169	Faridabad	HEAD MASTER	1	12000
170	Faridabad	HEAD MASTER	1	12000
171	Faridabad	HEAD MASTER	1	12000
172	Faridabad	HEAD MASTER G.B.P. SCHOOL	1	12000
173	Faridabad	HEAD MASTER G.P.	1	12000
174	Faridabad	HEAD MASTER G.P.	1	12000
175	Faridabad	HEAD MASTER G.P.S.	1	12000
176	Faridabad	HEAD MASTER GOVT	1	12000
177	Faridabad	HEAD MASTER GOVT	1	12000
178	Faridabad	HEAD MASTER GOVT	1	12000
179	Faridabad	HEAD MASTER GOVT	1	12000
180	Faridabad	HEAD MASTER GOVT HIGH SCHOOL	1	12000
181	Faridabad	HEAD MASTER GOVT P.	1	12000
182	Faridabad	HEAD MASTER GOVT P.	1	12000
183	Faridabad	HEAD MASTER GOVT PRI	1	12000
184	Faridabad	HEAD MASTER GOVT PRIMERY SCHOOL	1	12000
185	Faridabad	HEAD MASTER GOVT.	1	12000
186	Faridabad	HEAD MASTER GOVT.	1	12000
187	Faridabad	HEAD MASTER SCHOOL	1	12000
188	Faridabad	HEAD MISTRESS GOVT	1	12000
189	Faridabad	HEAD MISTRESS GOVT	1	12000
190	Faridabad	HEADMASTER GOVT P SC	1	12000
191	Faridabad	HEADMASTER GOVT P SC	1	12000
192	Faridabad	HEADMASTER GOVT P.SC	1	12000
193	Faridabad	PRINCIPAL GOVT SR SEC SCHOOL	1	12000
194	Faridabad	GRAM PANCHAYAT	1	12000
195	Faridabad	HEAD MASTER	1	12000
196	Faridabad	HEAD MASTER	1	12000
197	Faridabad	HEAD TEACHER GOVT	1	12000
198	Faridabad	HEAD TEACHER GOVT. PRIMARY SCHOOL	1	12000
199	Faridabad	SHREE VIRDHAWAS SOCIETY(REGD)	1	12000
200	Faridabad	SMO HEALTH DEPARTMEN	1	12000

Provision for Solar Panel

Details of 1 kVe Solar panel to be furnished by Town against Proposed New 33 kV Substation

Unit Cost @ Rs 1 Lac per KVE

1	Unit Cost @ Rs 1 Lac per KVE	For providing Solar Panel at Circle Office Sector-23 Faridabad	1	1.00
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2	Unit Cost @ Rs 1 Lac per KVE	For providing Solar Panel at Xen (OP) Divn NIT FBD Office Sector-23 Faridabad	1	1.00
3	Unit Cost @ Rs 1 Lac per KVE	For providing Solar Panel at SDO (OP) S/Divn No. 3 Sector-23 Faridabad	1	1.00
4	Unit Cost @ Rs 1 Lac per KVE	For providing Solar Panel at Billiing Centre FBD Sector-23 Faridabad	1	1.00
5	Unit Cost @ Rs 1 Lac per KVE	For providing Solar Panel at Xen (OP) Divn BLB Office Sector-6 Ballabgarh	1	1.00
6	Unit Cost @ Rs 1 Lac per KVE	For providing Solar Panel at Xen (OP) Divn G.FBD Office Sector-6 Ballabgarh	1	1.00
7	Unit Cost @ Rs 1 Lac per KVE	For providing Solar Panel at 66 KV S/Stn. Idgah S/Stn. Office Sector-6 Ballabgarh	1	1.00
8	Unit Cost @ Rs 1 Lac per KVE	For providing Solar Panel at SDO (OP) S/Divn No. 1 NIT Faridabad	1	1.00
9	Unit Cost @ Rs 1 Lac per KVE	For providing Solar Panel at SDO (OP) S/Divn No. 2 NIT-2 Faridabad	1	1.00
10	Unit Cost @ Rs 1 Lac per KVE	For providing Solar Panel at SDO (OP) S/Divn No. 5 NIT-5 Faridabad	1	1.00
11	Unit Cost @ Rs 1 Lac per KVE	For providing Solar Panel at Xen (OP) Divn OID FBD Office Sector-15 Faridabad	1	1.00
12	Unit Cost @ Rs 1 Lac per KVE	For providing Solar Panel at SDO (OP) S/Divn No. 4 NIT-3 Faridabad	1	1.00
13	Unit Cost @ Rs 1 Lac per KVE	For providing Solar Panel at SDO (OP) S/Divn M/Road Sarai Palla Faridabad	1	1.00
14	Unit Cost @ Rs 1 Lac per KVE	For providing Solar Panel at SDO (OP) S/Divn Tilpat Sarai Palla Faridabad	1	1.00

15	Unit Cost @ Rs 1 Lac per KVE	For providing Solar Panel at SDO (OP) S/Divn Pali Ballabgarh	1	1.00
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T. Switching Substation (33 kV and 11 kV)

Sr No.	IPDS Town	Name of Substation	Voltage Level (33 kV/ 0.4 kv or 11 kV/0.4 kv)	Unit Rate For 33 kV level	Unit Rate For 11 kV level
1	Faridabad	11 KV Swithcing S/Stn. 2A Complaint Center I/Area Faridabad	11/0.4	303.9	223.45
2	Faridabad	11 KV Swithcing S/Stn. Harware Chowk Faridabad	11/0.4	303.9	223.45

Length of Feeder (Km)
0
0

Length of Feeder
0
0

|



19.85
19.85
19.85
19.85
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19.85
7.94
7.94
7.94
15.88
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15.88
15.88
15.88
15.88
15.88
27.79
7.94
19.85
19.85
27.79
19.85
19.85
27.79
23.82
19.85
19.85
15.88
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11.91
7.94
7.94
19.85
19.85
11.91
31.76
11.91
23.82
7.94
23.82
19.85
31.76

31.76
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2282.75

Project Benefits:

a. **Reduction in AT&C loss**

Implementation of the project will facilitate to achieve Utility / Circle (Project Area) level AT&C Loss reduction trajectory **as per Annexure-III of IPDS Guidelines** is shown below:

Base Year: AT&C Loss for FY 2013-14	%	14.47%
2014-15	%	-
FY 15-16	%	13.75%
FY 16-17	%	13.06%
FY 17-18	%	12.41%
FY 18-19	%	11.79%
FY 19-20	%	11.20%
FY 20-21	%	10.11%
FY 21-22	%	9.62%
FY 22-23	%	9.14%

b. **Other intangible benefit shall be as follows:**

- . Accurate & reliable energy accounting on sustainable basis.
- . Better accountability at all level.
- . Improve the reliability of the power supply.
- . 24x7 power supply for consumers in urban area.
- . Reduction of Losses to meet AT&C loss reduction trajectory.
- . Providing electricity access to all urban house hold.
- . Improvement in network planning
- . Improvement in quality of supply like voltage level, PF etc.
- . Prompt and effective solution to the consumer queries / grievances.

Line loss reduction: With strengthening of network, conductor resistance will be reduced, resulting reduction in cu loss.

Ensuring better accounting: With metering of all nodal points, the energy accounting & auditing will be improved, resulting better administrative action:

Better voltage profile: With strengthening of network & improvement in PF, tail end voltage will be improved & reactive current will be reduced resulting improvement of quality of power & better consumer satisfaction..

Decrease in the DT failure: With addition of DT & enhancement of DT capacity the load on DT will be reduced, resulting decrease in DT failure & improvement in reliability.

Curbing the theft/ pilferage/ and unaccounted usage: With ABC, HVDS, meter pillar boxes & proper consumer metering, theft / piferage & unaccounted usages will be minimised.

Detail Project Report

Project area asset detail

Details of EHV Sub-stations feeding project area							
SN	Name of EHV Substation	Voltage Ratio	EHV Transformer Details			Maximum Demand (MVA)	
			Rating (MVA)	Nos.	Capacity (MVA)		
	220/66/33KV Palla	66/33KV	22.5/30	1	30	3.81	
		66/11KV	25/31.5	3	94.5	71.61	
	220/66KV A-5	66/11KV	25/31.5	2	63	50.10	
	220/66KV Pali	66/11KV	25/31.5	2	63	42.93	
				8	250.5		

Details of 66/11 Sub-stations feeding project area							
SN	Name of Substation	Voltage Ratio	HV Transformer Details			Maximum Demand	
			Rating (MVA)	Nos.	Capacity (MVA)	MVA	MVAR
1	A-2	66/11KV	12.5/16 + 25/31.5	2+1	63.5	57.71	20.19
2	Oswal Steel	66/11KV	12.5/16 + 25/31.5	2+1	63.5	32.95	11.53
3	Dabriwala	66/11KV	16/20 + 12.5/16	1+1	36	26.48	9.27
4	NH-3	66/11KV	25/31.5	2	63	47.50	14.87
5	Sector-46	66/11KV	25/31.5	2	63	39.43	13.80
6	FCI	66/11KV	12.5/16 + 25/31.5	2+1	63.5	44.00	15.40
7	A-4	66/11KV	25/31.5	2	63	54.67	19.14
8	Ford	66/11KV	12.5/16	3	48	38.67	13.53
9	Escort-I	66/11KV	12.5/16	2	32	25.14	8.79
10	Sector-31	66/11KV	25/31.5	2	63	53.71	18.79
11	USA	66/11KV	12.5/16	2	32	53.71	18.79
		66/33KV	20/25	1	25	24.31	16.68
12	Orient Steel Jharsaintly	66/11KV	12.5/16 + 25/31.5	1+2	63.5	54.86	19.201
13	Hyderabad	66/11KV	25/31.5	2	63	60.95	21.33
14	Ilgah	66/11KV	10/12.5 + 12.5/16	1+1	28.5	23.24	8.13
15	Globe Steel	66/11KV	10/12.5	1	12.5	5.05	1.768
16	Northern India	66/11KV	12.5/16	1	16	15.14	5.29
17	Partap Steel	66/11KV	12.5/16	1	16	12.76	4.46
18	Sector-64	66/11KV	12.5/16	2	32	2305	8.06
19	Escort-II	66/11KV	12.5/16	2	32	19.05	6.66
				879			

Details of 33/11 Sub-stations feeding project area							
SN	Name of Substation	Voltage Ratio	HV Transformer Details			Maximum Demand	
			Rating (MVA)	Nos.	Capacity (MVA)	MVA	MVAR
1	IAC M/Road	33/11KV	10MVA	2	20	8.95	3.13

Details of connection from EHV to 66 Sub-stations feeding project area							
SN	From EHV Substation	To 66KV S/S	Name of 66KV feeder	Length of feeder	Type of conductor	Average Demand (MVA)	Peak Demand (MVA)
1	220KV BBMB	66KV BSL Casting	66KV BSL Casting	0.3 KM	Cable	0.42	0.42
2	220KV BBMB	66KV Oswal Steel	66KV Punjab General	2.7 KM	50	0.67	0.67
3	220KV Palla	66KV Escort Ford	66KV Escort Ford	0.2 KM	100	3.57	3.57
4	220KV BBMB	220KV BBMB	66KV Railway	0.1 KM	U/G Cable	0.27 on 66 KV	0.27 on 66 KV
5	220KV BBMB	66KV Orient Steel J/Stly	66KV Lazer Shaving	2.5 KM	U/G Cable	0.53	0.53
6	220KV BBMB	66KV Orient Steel J/Stly	66KV JCB	2.7 KM	U/G Cable	0.65	0.65
7	220KV A-5	66KV Globe Steel	66KV Star Wire	0.3 KM	80	2.29	2.29
8	220KV A-5	66KV Chhainsa	66KV Star Wire	0.2 KM	80	1.71	1.71

Details of 33 KVV Feeders from EHV to 33 Sub-stations feeding project area							
SN	From EHV Substation	To 220/66 S/S	Name of 33KV feeder	Length of feeder	Type of conductor	Average Demand (MVA)	Peak Demand (MVA)
1	220KV Palla	220/66KV Palla	33KV Crown Interior	3 KM	Cable	0.57	0.57
2	220KV Palla	66KV USA	33KV Green Valley	1 KM	Cable	0.27	0.27
3	220KV Palla	66KV USA	33KV Godawari Shilpkala	6.2 KM	Cable	0.95	0.95
4	220KV Palla	220/66KV Palla	33KV Omaxe	6.5 KM	80mm2	0.57	0.57
5	220KV BBMB	220/33KV BBMB	Good Year	2.8 Km	100mm2	0.15	0.15

Details of interconnection of 33/11 KV Sub-stations feeding project area							
Sl. No.	From 33/11 S/S	To 33/11 KV S/S	Name of 33KV feeder	Length of feeder	Type of conductor	Average Demand (MVA)	Peak Demand (MVA)
NIL							

Details of 11 KV feeders emanating from 33/11 or 66/11 KV Sub-stations feeding project area							
							Distribution Transformer Details

Sl. No.	From 33/11 of 66/11 KV S/S	Name & Capacity of Power Transformer	Name of 11 KV feeder	Type of conductor	Peak Demand (MVA)	Rating (KVA)	Nos.	Capacity (KVA)
1	66KV S/Stn. A-2	T-1 12.5/16 MVA	Xpro India	50 mm2	0.57	1x2500	1	2500
2			Township	100 mm2	3.81	4x25, 15x100, 15x200, 1x250, 1x315, 3x400, 1x500, 1x1000	41	7865
3			Laul Mill	50 mm2	0.38	1x1000, 1x1600	2	2600
4			Sanjay Colony-I	80 mm2	3.43	1x25, 8x63, 18x100, 21x200, 1x250, 1x315, 1x400, 2x500, 1x630	54	9124
5			Escort A-2	50 mm2	0.95	4x1000	4	4000
6			Thermal Colony	80 mm2	0.19	8x100, 3x200, 1x500	12	1900
7			Mehar Steel	100 mm2	1.90	1x3500	1	3500
8			NH-5	100 mm2	4.19	1x63, 18x100, 19x200, 3x400, 2x500, 2x630, 1x1000	46	9363
9		T-2 12.5/16 MVA	Ringmain-II	100 mm2	3.43	1x25, 17x100, 5x200, 1x630, 1x750, 1x1000	26	5105
10			Ringmain-I	100 mm2	2.86	15x100, 7x200, 2x500	24	3900
11			Tikona Park	80 mm2	1.90	1x63, 17x100, 17x200, 1x250, 1x400, 1x1000	38	6813
12		T-3 25/31.5 MVA	Neelam	80 mm2	2.48	1x63, 26x100, 20x200, 1x250, 1x1000	49	7913
13			Kelvinator	80 mm2	2.67	1x3750, 1x2500	2	6250
14			Escort Hospital	50 mm2	1.14	2x1000, 1x320	3	2320
15			Mujjeshar	80 mm2	1.90	17x100, 5x200, 1x250, 1x400, 2x500, 2x630, 1x750, 1x1000	30	7360
16			Ringmain-III	100 mm2	2.67	13x100, 12x200, 1x400, 3x500, 2x630, 1x750, 1x1000	33	8610
17			Public Health A-2	100 mm2	4.00	30x100, 4x200, 3x400, 2x500	39	6000
18			P.N.B.	100 mm2	1.90	18x100, 20x200, 2x400, 1x500	41	7100
19			Dhanda Complex	80 mm2	1.52	7x100, 3x200	10	1300
20			Oswal Die Casting	80 mm2	1.71	3x1000	3	3000
21			Skytone	50 mm2	0.57	1x1000, 1x600	2	1600
22	66KV S/Stn. Oswal	T-1 12.5/16 MVA	Lakhani - I	50 mm2	0.57	2x750, 1x1010, 1x625	4	3135
23			Sapna Textile-I	50 mm2	0.38	1x63, 5x100	6	563
24			Eicher Colony	80 mm2	4.19	7x63, 14x100, 20x200, 3x500, 1x630	45	7971
25			Sec-52	AB Cable 185 mm2	on	3x200	3	600
26			Sage Metal	50 mm2	0.95	1x1250, 1x1000	2	2250
27		Hindustan Wire	80 mm2	1.90	8x100, 1x200	9	1000	
28		Lakhani - II	50 mm2	1.71	1x750, 1x590	2	1340	
29		Invel / GKN	XLPE Cable 185 mm2	1.90	3x2000	3	6000	
30		Rolling Mill - II	80 mm2	1.52	7x100	7	700	
31		Lakhani Arman	U/G Cable 185 mm2	1.90	2x1600, 1x2250	3	5450	
32		Mahavir Die Casting	AB Cable 95 mm2	1.33	1x2500	1	2500	
33		Vohra Packing	50 mm2	0.76	1x1500	1	1500	
34		Venus Ind. Corp.	U/G Cable 120 mm2	1.52	1x1000	1	1000	
35		Kalkaji Engg.	U/G Cable 120 mm2	0.76	1x400, 1x750	2	1150	
36		T-3 12.5/16 MVA	Rolling Mill - I	80 mm2	3.05	1x25, 13x100, 4x200, 1x400, 1x500	20	3025
37			Sohna Road Oswal	80 mm2	3.81	9x63, 22x100, 26x200, 1x250, 1x400, 4x500, 1x630	64	11247
38			Sapna Textile-II	80 mm2	3.24	4x100, 1x200	5	600

39	66KV S/Stn. Dabriwala	T-1 12.5/16 MVA	Sector-22 & 23	80 mm ²	2.10	6x63, 16x100, 12x200, 1x250, 2x400, 3x500, 1x630	41	7558
40			Industrial Dabriwala	80 mm ²	1.14	11x100, 2x200	13	1500
41			Jaico	XLPE Cable 185 mm ²	1.52	1x1000, 1x1500, 1x500	3	3000
42			Indo Auto Tech.	50 mm ²	2.86	1x1000	1	1000
43			Sector-23A	100 mm ²	1.52	5x63, 12x100, 9x200, 1x250, 1x315, 2x500, 1x630, 1x750	32	6260
44			Sadhu Forging	50 mm ²	0.57	1x1250, 1x1000	2	2250
45			Escort CHD	AB Cable 120 mm ²	0.76	1x1000	1	1000
46			Indo Independent	XLPE Cable 300 mm ²	0.57	1x750, 1x2000	2	2750
47			Sector-24	80 mm ²	2.10	1x25, 1x63, 17x100, 4x200, 1x400	24	2978
48		F.S.I.A.	80 mm ²	4.57	1x25, 17x100, 10x200, 1x500, 6x63	35	4603	
49		Cotton Mill	80 mm ²	2.10	5x200, 1x500,	6	1500	
50		Prime India	50 mm ²	1.14	1x2000	1	2000	
51		V.G. Kaushiko	AB Cable 95 mm ²	1.52	2x1000,	2	2000	
52		Pankaj Mahendiratta	50 mm ²	1.14	1x1600, 2x600, 1x400	4	3200	
53		Vamani Overseas	AB Cable 70 mm ²	0.57	1x1250	1	1250	
54		JBM	50 mm ²	1.33	2x500, 2x1000	4	3000	
55		Khemka	50 mm ²	0.76	1x1000	1	1000	
56		Voith Paper	50 mm ²	0.57	2x500, 1x380, 1x320, 1x180	5	1880	
57		Vikas Forging	XLPE Cable 120 mm ²	0.95	3x1000	3	3000	
58		Neel Metal	XLPE Cable 185 mm ²	0.57	1x1500	1	1500	
59		66KV S/Stn. NH-3	T-1 25/31.5 MVA	SAINIK COLONY-I	100mm	2.29	1x25,3x63,4x100,10x200,7x250,x2x315,1x400	28
60	BADKHAL			50/100	4.95	3x25,2x63,10x100,12x200,1x250,x1x315,2x400.	31	4966
61	ESI			50/100 ,AB Cable 185	3.43	5x100,14x200,2x250,2x315,1x500,1x1000	25	5930
62	S.G.M. B			50/80	3.43	6x100,13x200,4x400	23	4800
63	S.G.M. A			50/80/100 AB cable 185mm	1.90	1x25,7x100,18x200,	18	4325
64	Zion Promoters			50/80/100	2.29	1x600	1	600
65	Gali No. 1			50/80/100	1.90	4x100,10x200,	14	2400
66	Sector-48			50/80/100	1.90	6x100,15x200	21	3600
67	K.L. Mehta			50	2.10	6x100,15x200	21	3600
68	T-2 25/31.5 MVA		NH-IV	50/80/100	2.29	1x100,10x200,11x250,2x500,2x600.	26	7050
69			PNB/NEHRU GROUND	80 mm ²	0.04	4x25, 8x100, 9x200, 2x400,	24	4500
70			METRO FEEDER	50/80/100	1.90	1x100,30x200,2x500, 2x600	35	8300
71			RAJA CHOWK	50/80	2.29	1x63,9x100, 2x200,7x315,6x400,8x500,1x600.	34	10568
72			SAINIK COLONY-II	50/80	1.90	2x63,5x100,4x200,1x630,1x1000	13	3056
73			B.K. HOSPITAL	50 mm ²	0.19	1x400, 1x630	2	1000
74			Delhi	50/50	1.71	2x100,10x200	12	2200
75			K.C. Road	80 mm ²	2.48	14x100, 15x200, 4x400, 1x500, 2x630, 1x1000	37	8260
76			Gandhi Colony	80 mm ²	1.52	10x100, 13x200, 1x400, 1x750	25	4750
77	Esi College	50	0.19	3x1000	3	3000		
78			SECTOR 21-D	3/C cable AB Cable 95 mm	2.48	1x63,7x100,23x200,	31	5363
79			SECTOR 21-C	3/C cable AB Cable 95 mm	2.29	1x25,1x63,18x100,19x200.	39	5688
80			SECTOR-46	80 + AB 95mm Cable	3.24	4x63,1x100,15x200,17x250,400x17,1x630	55	15032
81			BLUE SPHIRE HOSPITAL	50/80	1.14	1x2000	1	2000

82	66KV S/Stn. Sector-46	T-1 25/31.5 MVA	Sector-45	50/80	0.95	1x100,5x200,1x400,4x630,3x800.	14	6420	
83			GREEN FIELD 2	50	2.86	7x200,1x315,5x200,4x630	17	5235	
84			GREEN FIELD 1	50	4.00	17x25,1x63,2x100,8x200,1x315,2x400.	31	3403	
85			Manav Rachna	3/C cable AB Cable 95 mm	2.67	1x1250,1x1500	2	2750	
86			Ankhir	50/80	1.33	1x25,2x63,100x13,5x200,1x250,2x400.	24	2701	
87		T-2 25/31.5 MVA	Mewla Maharajpur	3/C cable AB Cable 95 mm	2.86	10x25,4x63,13x100,2x100,2x200.	31	2402	
88			SECTOR 21-A	50/80	1.14	8x63,12x100,11x200,1x250	32	4154	
89			SECTOR 21-B	50/80	1.52	2x25,4x63,12x100,20x200.	41	1902	
90			SECTOR 21-C-II	50/80	1.14	1x25,1x63,1x100,2x315,2x400,1x500,10x630	18	6300	
91			SECTOR 21-D-GHS	50/80	2.48	5x200,1x500,3x630.	9	3390	
92	66KV S/Stn. FCI	T-1 12.5/16 MVA	Pali Road	50 mm ²	1.71	2x25, 2x63, 11x100, 9x200	24	3076	
93			NH-2	80 mm ²	1.71	2x63, 12x100, 17x200, 1x250	32	4976	
94			Hardware	100 mm ²	1.90	1x25, 16x100, 5x200, 1x500	23	3125	
95			Kapra Colony	80 mm ²	4.19	7x25, 11x100, 21x200, 1x250, 1x315, 3x400, 1x500	45	7740	
96			Air Force	50 mm ²	0.38	2x100, 2x200	4	600	
97			T-2 25/31.5 MVA	Dabua Colony	80 mm ²	3.05	1x25, 2x63, 10x100, 15x200, 1x250, 1x630	30	5031
98		Outer Road		50 mm ²	4.38	2x63, 42x100, 21x200	65	8526	
99		NH-I		80 mm ²	1.90	1x25, 8x100, 2x200, 1x250	12	1475	
100		MCF J/S		80 mm ²	0.19	1x750, 2x1250	3	3250	
101		Parvatia Colony		80 mm ²	3.24	13x100, 41x200, 1x250, 1x500	56	10250	
102		Ring Road		80 mm ²	2.67	1x25, 5x63, 22x100, 13x200	41	5140	
103		T-3 12.5/16 MVA		Jawahar Cly-I	80 mm ²	2.86	4x100, 24x200, 3x400, 1x500, 1x630, 1x1000	34	8530
104				Golf Club	30 mm ²	1.71	3x25, 2x63, 10x100, 8x200, 2x1000	25	4776
105			Janta Colony	80 mm ²	2.48	3x100, 23x200, 1x250, 1x400, 1x630, 1x1000	30	7180	
106	Jawahar Colony-II		80 mm ²	4.57	7x100, 23x200, 1x400, 2x500, 2x630	35	7330		
107	66KV S/Stn. A-4	T-1 25/31.5 MVA	SUNFLAG	80	0.00	3x1000	3	3000	
108			PUBLIC HEALTH A-4	50/80	2.29	2x400,	2	800	
109			SECTOR-19	50/100	3.62	24x100,31x200,1x315,2x400,2x500,1x800	61	11015	
110			INDIRA COMPLEX	50/100	5.52	18x25, 14x63, 43x100, 19x200	94	9432	
111			BASELWA	50/80	3.62	1x63,6x100,13x200,3x400,1x630.	24	5093	
112			NEW SECTOR-16	50/80	2.67	2x25,50x100,35x200,4x400,1x1000.	92	14650	
113			QRG Hospital	AB Cable 185mm	0.19	1x1000	1	1000	
114		T-2 25/31.5 MVA	SECTOR-18	50/80	3.62	5x100,12x200,1x400,2x500,2x630	23	5560	
115			SECTOR-17	50/80	2.86	18x25,40x200,1x315,1x500,1x630	61	2695	
116			CITY A-4	50/100	2.86	10x100,4x200,1x315,1x500,2x630.	10	3875	
117			PADAM NAGAR	50/100	3.43	24x25, 12x63, 38x100, 11x200	85	7356	
118			Shiv Sai	50/100	3.43	2x1000	2	2000	
119			BHOOD COLONY	50/100	3.43	1x63,7x100,13x200,3x400,1x600.	25	5163	
120			Smart Housing	XLPE Cable	0.57	2x500, 1x1000	3	2000	
121			SPR	AB Cable 185mm	0.57	4x1000	4	4000	
122			MCF Bhudena	XLPE Cable	3.43	1x1000	1	1000	
123			NEW SECTOR-15	50/80/100	2.10	12x100,26x200,1x250,1x400,2x630.	42	8310	

124	66KV S/Stn. Ford	T-1 12.5/16 MVA	SECTOR-14 MKT	50	1.52	10x100,22x200,3x500	35	6900	
125			Sec-9 (West)	80	4.76	2x25, 20x100, 38x200, 2x400	62	10450	
126			Puri Construction	AB Cable 185mm+80	2.10	2x500, 2x1000	4	3000	
127			P/HEALTH FORD	80/ AB 195 mm Cable	0.19	2x400,	2	800	
128		T-2 12.5/16 MVA	I.O.C.	80	1.90	4x100,4x200,1x250,2x1000,1x2000	12	5450	
129			Sec-9 (East)	80	2.67	3x25, 23x100, 37x200, 1x1000	64	10775	
130			Grandura Park	50	1.52	1x500, 5x1000	6	5500	
131			SECTOR-14	50/80	1.33	5x100,28x200,1x400,1x500,1x1000	36	8000	
132			SECTOR-16	50/100	0.19	10x100,19x200,2x500,2x630	33	7060	
133		T-3 12.5/16 MVA	SECTOR-16-B	50/100	3.43	2x25,4x100,23x200,1x250	30	5300	
134			Country Wide	100	0.19	1x500, 5x1000	6	5500	
135			SRS	AB Cable	0.19	4x1000	4	4000	
136		66KV S/Stn. Escorts-I	T-1 12.5/16 MVA	PARSAVNATH	AB Cable 185mm	0.19	2x2000	2	4000
137				CKT. HOUSE	Rabbit/Raccon /Dog	3.05	16x100,27x200	43	7000
138				TELE. EXCH.	U/G Xlpe cable 185 mm2	0.19	2x500	2	1000
139	ESCORT-I			U/G Xlpe cable 185 mm2	3.05	4x1000	4	4000	
140	SECTOR-15-B			50+ U/G Xlpe cable 185mm2.	2.67	25x100,31x200,1x500,3x1000	60	12200	
141	DELTON CABLE			30	On	2x250,1x500	3	1000	
142	ELDECO			AB Cable 185mm	0.38	1x500	1	500	
143	METRO HOSPITAL			AB Cable 185mm	0.19	1x500,1x1000	2	1500	
144	T-2 12.5/16 MVA		SECTOR-15-A	50/80	1.90	15x100,30x200,2x500, 2x1000	49	10500	
145			Gym Khana Club	50/80/100	1.71	1x25,9x100,19x200,2x500,2x1000	33	10500	
146			Thomson Press	U/G Xlpe cable 95mm	1.33	1x500,1x1000	2	1500	
147			Prena Dham	50/80	1.71	1x25,5x63,40x100,26x200,1x400,1x500,	74	10440	
148			Sector-12	50/80	0.76	1x100,3x200,	5	700	
149			SECTOR-28 P-1	50/80	1.14	10x100,18x200,	28	4600	
150			SECTOR-29 HUDA	50/100	1.14	7x100,18x200,3x500	28	5800	
151	T-1 25/31.5 MVA	SECTOR-29	50/80/100	2.29	3x63,11x100,23x200	37	5889		
152		DLF	50/80	1.52	1x63,20x100,32x200	53	8463		
153		SECTOR-31	50/100	3.81	1x63,8x100,18x200,1x315,2x500,2x630,2x500	34	8038		
154		SECTOR-27-A	50/100	1.71	1x63,17x100,6x200,3x250,2x315,2x400,	34	5173		
155		SECTOR-28 P-II	50/100	1.71	1x25,2x63,13x100,31x200,	47	7651		
156		MEHENDRA	AB Cable 185mm	0.19	1x750	1	750		
157		HSIDC	50/100	1.14	2x63,12x100,3x200,2x315,2x400,1x500,1x800	23	4686		
158		SHAHI EXPORT	50/80	1.14	1x2000	1	2000		
159		CITY Sec-31	AB cable 95 mm+ 50`	1.14	2x100,4x200,1x400,2x630	10	2660		
160		T-2 25/31.5 MVA	ESCORT SEC-31	50	3.81	2x25,3x63,6x100,1x400	9	1239	
161			SRS	AB Cable 95 mm	0.19	2x2000	2	4000	
162			HAVELLS	50/80	4.95	2x63,5x100,1x400	8	1026	
163	PRISTINE MALL		50	0.19	1x1000	1	1000		
164	HEMLA		50/80	1.90	10x100, 1x25	11	1025		
165	POOJA FORGE		50/80/100	2.29	1x6000	1	6000		
166	NEW ALLEMBARY		AB Cable 185 mmm	1.33	1x2000	1	2000		
167	NEW CITY		AB cable 95mm+ 50`	3.81	4x63,45x100,18x200,1x250,3x315	71	9547		
168	SLF		AB Cable 95mm	0.19	2x630,	2	1260		
169	Glow Star		AB Cable 95mm	0.19	3x500	3	1500		
170	Complaint Centre	AB Cable 95mm,+80	1.14	2x100,2x200	4	600			

171	66KV S/Stn. USA	T-1 12.5/16 MVA	S.O.S. BALGRAM	50/80	0.76	25 KVA-2 no. 63 KVA-1 no. 100 KVA-10 no. 200 KVA-3 no.	16	1713	
172			J/STEEL	80	0.19	1x1500	1	1500	
173			E/GARDEN	50	3.43	500 KVA-1 no. 750 KVA-6 no. 1000 KVA-1 no. 1600 KVA-1 no.	9	7600	
174			NHPC	50/80	0.19	1x6000	1	6000	
175			I/LINKING (USA)	50	2.86	9x100, 10x200, 3x400, 1x630	23	4730	
176		S/KUND	30/50/80	5.33	25 KVA-1 no. 63 KVA-2 no. 100 KVA-21 no. 200 KVA-13 no. 400 KVA-1 no.	39	5906		
177		CHARMWOOD	AB Cable 185 mm	3.05	315 KVA-1 no. 500 KVA-2 no. 750 KVA-7 no. 1000 KVA-4 no.	14	10565		
178		T-2 12.5/16 MVA	NEW SKTC.	50/80	1.90	25 KVA-1 no. 63 KVA-3 no. 100 KVA-5 no. 200 KVA-2 no. 500 KVA-5 no.	17	4364	
179			ANANGPUR	50/80	4.19	25 KVA-12 no. 63 KVA-13 no. 100 KVA-46 no. 200 KVA-12 no. 500 KVA-1 no.	84	8619	
180			Omaxe Hill	50	0.19	1x1600	1	1600	
181			Bharat Gear	50	1.52	1x2500	1	2500	
182		BHARAT CARPET	50/80	2.67	63 KVA-16 no. 100 KVA-13 no.	29	2308		
183		33KV S/Stn. IAC	T-1 10 MVA	H.V.P	XLPE cable 95mm	0.95	1x7500,	1	7500
184				Interlinking IAC	XLPE cable 95mm	2.19	63 KVA-1 no. 100 KVA-4 no.	5	463
185				USHA SPINNING	U/G Xlpe cable 95mm	0.95	63 KVA-1 no. 100 KVA-4 no.	5	463
186				NAP CON	U/G Xlpe cable 185mm	3.05	1x2000	1	2000
187			T-2 10 MVA	SANTOSH	AB cable 95 mm	2.29	25 KVA-1 no. 63 KVA-1 no. 100 KVA-8 no. 200 KVA-3 no. 400 KVA-1 no.	14	1888
188				SKN	50	1.33	63 KVA-3 no. 100 KVA-6 no.	9	789
189	Vatika			XLPE Cable	0.38	5x1250	5	6250	
190	CLUTCH-AUTO		50/100	on	1x1000	1	1000		
191	66KV S/Stn. Orient Steel Jharsaintly		T-1 12.5/16 MVA	SOWA INDIA	XLPE Cable 185mm ²	1.71	500=2, 1000=1	3 Nos.	2000
192				KHANDAWALI ROAD	AB Cable 185mm ² + Cond 80mm ²	7.24	25=10, 63=33, 100=16, 200=4, 400=1, 500=5, 750=7	76 Nos.	12879
193		Plating Zone		80mm ²	2.67	25=6, 63=6, 100=2	14 Nos.	728	
194		Maxx Metal		ABC Cable 120mm ²	3.05	100=2, 1000=1	3 Nos.	1200	
195		T-2 25/31.5 MVA	I.O.C.	50/80mm ²	0.38	1600=1	1 Nos.	1600	
196			HUDA sec-59	50/80mm ²	5.71	25=3, 63=21, 100=32, 200=7, 250=2, 315=5	70 Nos.	6563	
197			SECTOR-58/ P.Zone	50/80mm ²	5.71	25=6, 63=6, 100=2	14 Nos.	728	
198			Alcam International	AB Cable 185mm ²	2.86	2000=1	1 Nos.	2000	
199			Escort	AB Cable 185mm ²	1.33	500=1, 1000=1	2 Nos.	1500	
200			Sky Pack	U/G Cable 185mm ²	1.52	1000=2	2 Nos.	2000	
201		AUTO METER	50/80mm ²	3.81	25=25, 63=12, 100=14, 200=4, 250=1, 315=3, 400=2, 500=5, 1000=1	67 Nos.	9075		
202		ORIENT STEEL	50/80mm ²	7.43	1000=1	1 Nos.	1000		
203		B/PETROLIUM	50/80mm ²	2.29	25=2, 63=2, 100=9	13 Nos.	1076		
204		HSIDC	50/80mm ²	7.43	63=4, 100=5, 200=2, 250=2, 315=2, 400=1, 500=5, 1000=2	23 Nos.	7182		
205		M.M. CASTING	50/80mm ²	2.29	250=1, 500=1	2 Nos.	750		
206	Arm Hammer	AB Cable 95mm ²	0.57	630=1	1 Nos.	630			
207	Studds	AB Cable 95mm ²	1.52	500=2, 1000=1	3 Nos.	2000			
208	Polymed	50mm ²	2.67	1600=1, 2250=1	2 Nos.	3850			
209	Consult Technical	50/100mm ²	0.38	1000=1	1 Nos.	1000			
210	Dispo Safe	80mm ²	0.76	1250=1	1 Nos.	1250			

211		T-3 25/31.5 MVA	Vishwkarma	50mm2	1.33	1100=1, 1600=1	2 Nos.	2700	
212			RIB & SONS	XLPE Cable 120mm2	1.33	1000=1, 1500=1	2 Nos.	2500	
213			Sandeep Axles	XLPE Cable 120mm2	2.67	2000=1	1 Nos.	2000	
214			STL Global	XLPE Cable 120mm2	1.14	2000=1	1 Nos.	2000	
215			SUNPAID	50/80mm2	2.10	25=4, 63=2, 100=10, 200=7	23 Nos.	2626	
216			Prom Tech	50/80mm2	3.81	1000=1	1 Nos.	1000	
217			IRCON	50/80mm2	3.81	25=17, 63=33, 100=9, 200=4	63 Nos.	4204	
218			Kwality Dairy	XLPE Cable 300mm2 + Cond 50mm2	0.38	650=1, 1000=1, 1500=2	4 Nos.	4650	
219			Hindustan Syring	ABC Cable 185mm2	3.62	1650=1, 2000=1	2 Nos.	3650	
220			NOVA	50mm2	0.57	1500=1	1 Nos.	1500	
221			S.P.M. Auto	50mm2	1.52	1650=1	1 Nos.	1650	
222			Victora	ABC Cable 185mm2 + 50mm2	0.95	1000=3	3 Nos.	3000	
223	66KV S/Stn. Hydrabad		T-1 25/31.5 MVA	Sadhu Forging	ABC Cable 185mm2	5.33	1000=1	1 Nos.	1000
224		INDUSTRIAL H/BAD		50/80mm2	5.52	500=2, 1000=1	3 Nos.	2000	
225		N/HIGHWAY		50/80mm2	5.71	25=57, 63=52, 100=107, 200=12	228 Nos.	17801	
226		Hindustan Syring		ABC Cable 185mm2	3.62	3000=1	1 Nos.	3000	
227		SAMAYPUR/ Rajiv Colony		50/80mm2	3.43	25=18, 63=4, 100=42, 200=20, 400=1	85 Nos.	9302	
228		Amer Udyog		XLPE Cable 300mm2	1.90	1000=1	1 Nos.	1000	
229		Vikas Trip		XLPE Cable 300mm2 + Cond 80mm2	1.52	2000=1	1 Nos.	2000	
230		Kannan India Indl.		50/80mm2	3.05	1000=1	1 Nos.	1000	
231		METAL INDIA		AB Cable 185mm2+ Cond 80mm2	3.81	63=4, 100=3	7 Nos.	552	
232		Paramount Polymer		AB Cable 185mm2	0.76	1500=1	1 Nos.	1500	
233		Kannan India Indp.		AB Cable 185mm2	0.95	2000=1	1 Nos.	2000	
234		Remco Steel		XLPE Cable 185mm2	2.10	1500=1, 2500=1	2 Nos.	4000	
235		S.J. Industry		U/G Cable 185mm2	2.67	1000=4	4 Nos.	4000	
236		K.D.R. Forging	U/G Cable 185mm2	0.95	1500=1	1 Nos.	1500		
237		Sector-57	80mm2	0.00	200=4	4 Nos.	800		
238		Sector-56 HUDA	80mm2	On	200=1	1	200		
239			T-2 25/31.5 MVA	SECTOR-55	80/100mm2	6.86	25=1, 100=16, 200=32	49 Nos.	8025
240				OSWAL GLOBAL	50/80mm2	0.76	2000=1	1 Nos.	2000
241				HIGH POLYMER	80mm2	1.71	500=1, 1500=2	3 Nos.	3500
242				MAN FEED	ABC Cable 185mm2	1.71	1000=1	1 Nos.	1000
243				PHEALTH H/BAD	50mm2	0.76	100=12, 500=2	14 Nos.	2200
244				NTPC	80mm2	0.57	500=2, 1000=1	3 Nos.	2000
245				Blue Forging	ABC Cable 185mm2	1.71	100=4	4 Nos.	400
246				CONT.PROCESS	80mm2	4.38	25=1, 63=4, 100=1, 200=6, 400=1	13 Nos.	1788
247				HYDRABAD	XLP Cable 300mm2	1.71	100=12, 500=2	14 Nos.	2200
248				GOUNCHI	80mm2/50mm2	5.14	25=6, 63=5, 100=52, 200=25	88 Nos.	10665
249				TECUM SHAH	XLP Cable 300mm2	2.86	500=1, 1000=2	3 Nos.	2500
250				Delhi Forging	80mm2/50mm2	0.95	1000=1	1 Nos.	1000
251				Sector-58	80mm2/50mm2	7.62	25=8, 63=20, 100=8, 200=9, 250=2, 315=5	52 Nos.	6135
252				Krishna Colony	80mm2/50mm2	5.52	63=14, 100=68, 200=5	87 Nos.	8682
253				Mouriya Udyog	ABC Cable 185mm2	2.29	1000=1	1 Nos.	1000
254			Prem & Sons	ABC Cable 185mm2	0.95	500=1, 1000=1	2 Nos.	1500	
255			ASM Casting	ABC Cable 185mm2	0.57	1000=1	1 Nos.	1000	
256			T-1 10/12.5 MVA	SOVERN	80mm2/50mm2	0.38	200=3, 500=1, 1000=1	5 Nos.	2100
257				CHAWLA COLONY	80/50/30mm2	3.62	25=1, 63=1, 100=6, 200=16	24 Nos.	4455
258				TRW	XLPE Cable 95mm2	0.19	200=1	1	200
259				SECTOR-7	80mm2/50mm2	4.76	25=5, 63=1, 100=17, 200=22, 500=2, 615=1	48 Nos.	7918

260	66KV S/Stn. Idgah	T-2 12.5/16 MVA	SECTOR-6-I	80mm2/50mm2	4.76	100=23, 200=5, 500=1, 750=1	30 Nos.	4050	
261			B.D. GHAI	80mm2/50mm2	4.19	250=1, 500=2, 1000=1	4 Nos.	2250	
262			BALLABGARH-III	80/50/30mm2	5.33	100=4, 200=19, 500=1, 615=1, 1000=1	26 Nos.	9030	
263			C.R.I.	XLPE Cable 185mm2	0.76	500=2	2 Nos.	1000	
264			P/HEALTH IDGAH	80mm2/50mm2	2.67	25=1, 63=1, 100=9, 200=14	25 Nos.	3788	
265			Shayam Textile	80mm2/50mm2	0.10	200=1, 630=1	2 Nos.	830	
266			SECTOR-4-I	80mm2/50mm2	1.52	100=17, 200=14, 250=5, 500=6	42 Nos.	8250	
267			Siwalik Prints	ABC 95mm2	1.14	500=1, 1000=2	3 Nos.	2500	
268			Super Auto-II	50/80mm2	0.95	500=2, 1000=1	3 Nos.	2000	
269			Super Alloy	50mm2	0.76	1000=1	1 Nos.	1000	
270	66KV S/Stn. Globe Steel	T-1 10/12.5 MVA	CIVIL HOSPITAL	50/80mm2	0.10	25=1, 100=2	3 Nos.	225	
271			SOHNA ROAD	50/80mm2	5.71	25=1, 63=1, 100=53, 200=31, 250=1, 400=1, 500=2, 1000=1	91 Nos.	13738	
272	66KV S/Stn. Northern India	T-1 25/31.5 MVA	VXL	XLPE Cable 185mm2	0.10	1000=1	1 Nos.	1000	
273			NEPCO	80mm2/50mm2	4.19	25=1, 63=2, 100=12, 200=7, 250=2, 315=2, 500=7, 630=1	34 Nos.	8011	
274			ORIENT GENERAL	80mm2/50mm2	1.33	2000=2	2 Nos.	2000	
275			HEINLEHMAN	80mm2/50mm2	0.19	500=1	1 Nos.	500	
276			BCH	80mm2/50mm2	1.33	750 =1, 1500=2	3 Nos.	3750	
277			BONEY	80mm2/50mm2	3.62	100=4, 160=1, 200=4, 250=3, 400=1, 500=10, 1000=5	28 Nos.	12510	
278			Bony Ploymer	ABC 120mm2	1.33	1600=1	1 Nos.	1600	
279			SANJAY MEMORIAL	80mm2/50mm2	3.81	25=1, 63=1, 100=39, 200=30, 315=4, 500=3	78 Nos.	12748	
280			Super Auto-I	50mm2	1.14	1600 = 1	1 Nos.	1600	
281			66KV S/Stn. Partap Steel	T-1 12.5/16 MVA	SECTOR-6-II	50/80mm2	5.52	100=8, 200=8, 500=4, 250=1, 1000=1	22 Nos.
282	SECTOR-4-II	50/80mm2			2.67	100=8, 200=5, 500=1, 1000=1	15 Nos.	3300	
283	GURGAON CANAL	30/50/80mm2			5.52	25=3, 100=7, 200=29, 315=1	40 Nos.	6890	
284	Prompt Enterprises	ABC Cable 185mm2			0.95	2000=1	1 Nos.	2000	
285	Sector-7-II	80/100mm2			5.52	25=1, 100=20, 200=20, 250=1	42 Nos.	6275	
286	Super Steel	80/100mm2			0.76	1000=1	1 Nos.	1000	
287	MILK PLANT	50/80mm2			0.57	1000=1	1 Nos.	1000	
288	66KV S/Stn. Sector-64	T-1 12.5/16 MVA	SECTOR-2	80mm2	6.67	200=20, 250=1, 400=10, 615=2, 1000=1	34 Nos.	10480	
289			Sector-64	80/100mm2	1.71	25=9, 63=1, 100=7, 200=10, 400=3	30 Nos.	4188	
290		T-2 12.5/16 MVA	Hari Vihar	80mm2	5.71	63=2, 100=24, 200=34, 250=2	62 Nos.	9826	
291			Mohna Road	80mm2	3.62	100=6, 200=15, 315=1, 400=1	23 Nos.	4315	
292			Sector-65	ABC Cable 185mm2 + 50mm2	0.95	25=4, 63=7, 200=27	38 Nos.	5941	
293			ARYA NAGAR	80mm2	3.05	100=3, 200=13, 1000=1	17 Nos.	3900	
294		66KV S/Stn. Escorts-II	T-1 12.5/16 MVA	ESCORTS MSD	XLPE Cable 300mm2	5.52	1000=3, 2000=3	6 Nos.	9000
295				KALPANA	80mm2	2.86	25=1, 100=1, 500=1, 1000=4	7 Nos.	4625
296				India Forge	80mm2	1.71	1000=1, 1500=1	2 Nos.	2500
297				GE MOTOR	50/80	2.48	1x850, 1x1600, 1x2000	3	4450
298	SECTOR-20B			50/80	3.61	3x25, 1x63, 15x100, 16x200	35	4838	
299	T-2 12.5/16 MVA		INTERLINKING	50/80mm2	3.43	25=2, 63=4, 100=7, 200=3, 250=1, 500=2, 1000=7	26 Nos.	9852	
300			Piyush India	50mm2	0.00	2000=1	1 Nos.	2000	
301			Indra Colony	50mm2	0.95	100=1, 200=6	7 Nos.	1300	
302			SECTOR-11	50/80mm2	3.43	2x25, 8x100, 25x200 1x315	36	5465	

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Details of 11 KV feeders emanating from EHV Sub-stations feeding project area

Sl. No.	From EHV Substation	Name & Capacity of Power Transformer	Name of 11 KV feeder	Type of conductor	Peak Demand (MVA)	Distribution Transformer Details		
						Rating (KVA)	Nos.	Capacity (KVA)
303			PALLA	50/80	4.19	1x63,50x100,30x200	81	6563
304			ADVANCE FORGE	AB Cable 185	0.38	1x1000	1	1000

305	220/66KV S/Stn. Palla	T-5 25/31.5 MVA	Basantpur	50/80	5.33	6x63,41x100x20x200,	77	4878	
306			PETS	80	0.19	1x1000	1	1000	
307			J.V.V.	50/80	4.57	2x63,15x100,5x200,2 x250,3x400, 3x500 1x800	31	6626	
308			ESCORTS PALLA	50+AB Cable 185mm	4.95	2x25,11x63,17x100,	30	2443	
309			L.F.M	50/80+AB Cable 185mm	4.19	5x63,9x100,1x200	15	1415	
310			Palla COLONY	50	0.19	2x200	2	400	
311			SECTOR-28 (NHPC)	50/80+AB Cable 185mm	2.10	1x6000	1	6000	
312			TALBROS	50/80	4.76	1x2000	1	2000	
313		I.G.C.	50/80	4.57	1x2000	1	2000		
314		T-3 25/31.5 MVA	ASHOKA	XLPE Cable+AB Cable 185 +50	3.24	25 KVA-12 no. 63 KVA-13 no. 100 KVA-46 no. 200 KVA-12 no. 500 KVA-1 no.	84	8619	
315			FRICK INDIA	50	1.71	63 KVA-6 no. 100 KVA-11 no. 400 KVA-1 no.	18	1878	
316			YORK	50/100	1.33	63 KVA-3 no. 100 KVA-7 no. 200 KVA-1 no. 500 KVA-1 no. 1000 KVA-1 no.	13	2589	
317			KANISHKA	50/100	3.43	25 KVA-3 no. 63 KVA-1 no. 100 KVA-18 no. 200 KVA-19 no. 500 KVA-1 no.	42	6238	
318		T-4 25/31.5 MVA	SECTOR-37	50/80	3.43	25 KVA-2 no. 63 KVA-4 no. 100 KVA-10 no. 200 KVA-13 no.	29	3902	
319			TILPAT	50/80/100	5.71	8x25,2x63,59x100,10 x200	79	8226	
320			AGWANPUR	50/80	4.95	7x25,1x63,42x100,19 x200	69	8238	
321			SAPNA MARKET	50/80	3.43	2x25,12x100,29x200,	43	7050	
322			K. KALAN (Tilpat)	50/80	2.86	8x25,9x63,18x100, 2x200	37	2967	
323			K. KALAN (K/Kalan)		2.86	9x25, 8x63, 18x100	35	2529	
324			D.L.F.	50/80	5.33	63 KVA-6 no. 100 KVA-13 no. 200 KVA-1 no. 630 KVA-5 no.	25	5028	
325			N.A.P.	80/100	5.33	63 KVA-1 no. 100 KVA-9 no. 200 KVA-1 no. 500 KVA-1 no.	12	1663	
326			S.A.P	80/100	5.33	63 KVA-2 no. 100 KVA-9 no. 200 KVA-1 no.	12	1226	
327			B.S.N.L	AB Cable 185	0.19	1x500,	1	500	
328		66KV S/Stn. Pali	T-4 25/31.5 MVA	Ckt-3	80/100mm2	5.71	25=10, 63=10, 100=2, 250=2, 315=8, 400=23, 500=35, 1000=1	91 Nos.	31800
329				Ckt-4					
330				Sohna Pali Road	80mm2/50mm2	5.71	25=55, 63=94, 100=54, 200=8	211 Nos.	14297
331				Gagan Steel	50mm2	0.38	630=1	1 Nos.	630
332				Sheela Kamboj	U/G XLPE Cable 95mm2	0.57	500=1, 1000=1	2 Nos.	1500
333				National Institute Immunology	U/G XLPE Cable 300mm2	0.53	2000=2	2 Nos.	2000
334				CKT-5	80mm2	4.76	250=2, 315=7, 400=8, 500=11	28 Nos.	9805
335			T-2 25/31.5 MVA	Pali	50mm2/30mm2	4.76	25=14, 63=38, 100=40, 200=17	109 Nos.	10144
336				BHAKRI FEEDER	80mm2/50mm2/ 30mm2	4.57	25=26, 63=35, 100=32, 200=24	117 Nos.	10855
337				Saroorpur	80mm2/50mm2	5.71	25=30, 63=90, 100=41, 200=6	167 Nos.	11720
338				Naya Gaon	50mm2/30mm2	3.81	16=4, 25=59, 63=11, 100=6, 200=12	92 Nos.	8832
339				BAJRI FEEDER	80mm2/50mm2/ 30mm2	6.1	25=48, 63=26, 100=42, 200=22	138 Nos.	11438
340	Ckt-1			80mm2/50mm2	4.95	25=1, 250=2, 315=6, 400=19, 500=27, 630=4	59 Nos.	24466	
341	Ckt-2								
342	Dabua Pali Road	100mm2	5.71	16=1, 25=20, 63=73, 100=29, 200=8	131 Nos.	9615			
343	RAGHUVVEER COLONY	50/80mm2	3.81	63=2, 100=18, 200=21, 400=3	44 Nos.	7326			
344	E.S.I.	50/80mm2	0.04	500=1	1 Nos.	500			
345	HOUSING BOARD	50/80mm2	3.81	25=3, 100=10, 200=9	22 Nos.	2875			

346	66KV S/Stn. A-5	T-1 25/31.5 MVA	Ballabgarh-I	50/100mm2	5.52	100=1, 200=15, 250=1	17 Nos.	3350
347			Sarvodya Hopspital	XLPE Cable 185mm2	0.38	1250=1	1 Nos.	1250
348			MCF	50mm2	1.33	25=1, 100=8	9 Nos.	825
349			Sector-9 A-5	50mm2	0.38	25=2, 100=2, 200=8, 1000=1	13 Nos.	2850
350			Raj Nursing Home	50mm2	0.04	250=1	1 Nos.	250
351			SECTOR-8	50/80mm2	3.43	25=1, 100=9, 200=16, 250=1, 500=1	28 Nos.	4850
352		SECTOR-3	30/50/80mm2	5.71	100=15, 200=22, 500=1	38 Nos.	6400	
353		TIGAON (220 KV A-5)	30/50/80mm2	4.95	100=1, 200=15, 250=1	17 Nos.	3350	
354		SIHI	50/80mm2	4.19	25=2, 200=6, 500=2, 1000=1	11 Nos.	2750	
355		Sector-10	50/80mm2	6.10	25=2, 100=26, 200=25, 400=1, 630=1	55 Nos.	8680	
356		Mother Dairy	ABC Cable 185mm2 + 50mm2	4.57	25=4, 100=20, 200=17,	41 Nos.	5500	
357		St. Thomas	50/80mm2	4.57	25=4, 100=6, 200=28	38 Nos.	6300	
358		MCF (Water Supply)	50/80mm2	0.57	500=1	1 Nos.	500	