SECTION - A

Executive Summary

Executive Summary

Scheme Code No. : **A**

Amount in Rs. Lakhs

State		**Total Project Cost**	
Name of Power Utility		**Capital Subsidy**	
Name of District		**Loan**	
No. of Blocks		**Other source of funding, if any**	
Total Population of the area		**Revenue Subsidy, (if any, committed by State Govt.)**	
Total Geographical Area (SqKm)		**Scheme Implementation Period**	
Whether in Forest Area (Yes/No)		**(a) Start (Proposed)** **(b) Completion (Proposed)**	

Mode of Implementation : Turnkey
Implementing Authority / Agency :
Consultant :

Status of Village Electrification

Total No. of Inhabited Villages	No. of villages electrified as on _____	% Electrification	Balance no. of villages to be electrified as on _____
1	*2*	*3*	*4*

Status of Electrification of Village Habitations(Hemlets/Dhani/Tola/Majra/Kara)

Total No. of Village Habitations	No. of Village Habitations electrified as on _____	% Electrification	Balance no. of Village Habitations to be electrified as on _____
1	*2*	*3*	*4*

Status of Rural Household Electrification (Including BPL households)

Total No. of Households	No. of Households electrified as on _____	% Electrification	Balance no. of households to be provided access to electrycity under the present project
1	*2*	*3*	*4*

Status of BPL (Below Poverty Line) Household Electrification

Total No. of BPL Households	No. of BPL Households electrified as on _____	% Electrification	Balance no. of BPL households to be electrified under the present project
1	*2*	*3*	*4*

Electrification of Public places / services

Public places / services	Total	Proposed to be electrified under present scheme	Balance
Schools			
Pachayat Office			
Health Centres			
Dispensaries			
Community Centres			
Others like street lights etc. (Pl. specify)			

Proposed number of connections to be released under present project

Category -->	Domestic (other than BPL)	Domestic (BPL)	Commercial	Agricultural	Small Industrial	Water Works	Others (Pl. Specify)
No. of Services							

Details of on-going initiatives (projects) in the present project area

(Ref. : Para 5.1 (d) of Guidelines for project formulation)

Sr. No.	Name of Project	District	No. of Blocks Covered	No. of un-electrified villages to be electrified, if any	No. of rural households to be electrified	Project Cost	Name of Programme *	Funding Agency **	Date of Start of project	Scheduled Date of Completion
1	*2*	*3*	*4*	*5*	*6*	*7*	*8*	*9*	*10*	*11*
1										
2										
3										
…..										
	Total									

* e.g. PMGY / MNP/ MNES / State Plan etc.

** State Govt. / Central Govt. / REC / Nabard etc.

SECTION - B

Scope of Work
and
Estimated Cost

Abstract - Scope of work and estimated cost

REC Ltd

State :

Name of District & Census Code : **Scheme Code No. :** **B**

Abstract - Scope of work and estimated cost

Sr.No.	Item of Work	Specifications	Unit	Ref. No. for detailed cost data	Unit Cost Rs.Lakh	Total Quantity	Total Cost Rs.Lakh	Phasing of Quantity		Phasing of Cost	
								Year 1	Year 2	Year 1	Year 2
1	2	3	4	5	6	7	8	9	10	11	12
A.	**33 KV Works**										
1	New 33/11 KV Sub-stations **[For new 33/11 KV Substations & lines in blocks where these do not exist]**	Specify no. of 33 KV & 11 KV CBs & panels	Nos.			0	0.000	0.000	0.000	0.000	0.000
	(a) 1 x 3.15 MVA					0	0.000	0.000	0.000	0.000	0.000
	(b) 1 x 1.6 MVA					0	0.000	0.000	0.000	0.000	0.000
	(c) 1 x 5 MVA					0	0.000	0.000	0.000	0.000	0.000
	(d) 2 x 3.15 MVA					0	0.000	0.000	0.000	0.000	0.000
2	Augmentation of Ex. 33/11 KV S/S.	Specify size to size	Nos.			0	0.000	0.000	0.000	0.000	0.000
3	Addl. 11 KV Circuit breakers at existing Substation	Details to be provided separately	Nos.			0	0.000	0.000	0.000	0.000	0.000
4	R & M of Ex. 33/11 KV sub-stations	Specify works	LS			0	0.000	0.000	0.000	0.000	0.000
5	**New 33 KV Lines**	Specify type of support	Kms			0	0.000	0.000	0.000	0.000	0.000
	(a) With Dog ACSR- 3 Ph					0	0.000	0.000	0.000	0.000	0.000
	(b) With Raccoon ACSR- 3 Ph					0	0.000	0.000	0.000	0.000	0.000
	(c) With Rabbit ACSR- 3 Ph					0	0.000	0.000	0.000	0.000	0.000
6	Reconductoring of 33 KV Lines	Specify size to size	Kms			0	0.000	0.000	0.000	0.000	0.000
7	Renovation of Ex. 33 KV lines	Specify works	LS			0	0.000	0.000	0.000	0.000	0.000
	Sub-Total (A)					0	0.000	0.000	0.000	0.000	0.000
B.	**11 KV Works**										
1	**New Distribution sub-stations**		Nos.								
	(a) 10 KVA (1 ph)	11/ 0.25 KV				0	0.000	0.000	0.000	0.000	0.000
	(b) 16 KVA (1 ph)	11/ 0.25 KV				0	0.000	0.000	0.000	0.000	0.000
	(c) 16 KVA (3 ph)	11/ 0.4 KV				0	0.000	0.000	0.000	0.000	0.000
	(d) 25 KVA (3 ph)	11/ 0.4 KV				0	0.000	0.000	0.000	0.000	0.000
						0	0.000	0.000	0.000	0.000	0.000
2	Augmentation of DTs	Specify	Nos.			0	0.000	0.000	0.000	0.000	0.000
3	**New 11 KV Lines**	Specify type of support	Kms								
	(a) With Rabbit ACSR- 3 Ph					0	0.000	0.000	0.000	0.000	0.000
	(b) With Weasel ACSR- 3 Ph					0	0.000	0.000	0.000	0.000	0.000
	(c) With Squirrel ACSR- 3 Ph					0	0.000	0.000	0.000	0.000	0.000
	(d) With Squirrel ACSR- 1 Ph					0	0.000	0.000	0.000	0.000	0.000
	(e) With Rabbit equiv AAAC- 3 Ph					0	0.000	0.000	0.000	0.000	0.000
	(f) With Weasel equiv AAAC- 3 Ph					0	0.000	0.000	0.000	0.000	0.000
	(g) With Squirrel equiv AAAC- 3 Ph					0	0.000	0.000	0.000	0.000	0.000
	(h) 11 KV ABC cable	Specify				0	0.000	0.000	0.000	0.000	0.000
4	Reconductoring of 11 KV Lines	Specify size to size	Kms			0	0.000	0.000	0.000	0.000	0.000
5	Renovation of 11 KV lines	Specify works	LS			0	0.000	0.000	0.000	0.000	0.000
	Sub-Total (B)					0	0.000	0.000	0.000	0.000	0.000
C.	**LT Works**										
1	**New LT Lines**	Specify type of support	Kms								
	(a) 3 Ph 5W with Ant AAC					0	0.000	0.000	0.000	0.000	0.000
	(b) 3 Ph 5 W with Gnat AAC					0	0.000	0.000	0.000	0.000	0.000
	(c) 3 Ph 4W with Ant AAC					0	0.000	0.000	0.000	0.000	0.000
	(f) 1 Ph 2W with Ant AAC					0	0.000	0.000	0.000	0.000	0.000
	(d) 3 Ph 4 W with Weasel ACSR					0	0.000	0.000	0.000	0.000	0.000
	(e) 3 Ph 4W with Squirrel ACSR					0	0.000	0.000	0.000	0.000	0.000
	(f) 1 Ph 2W with Weasel ACSR					0	0.000	0.000	0.000	0.000	0.000
	(f) 1 Ph 2W with Squirrel ACSR					0	0.000	0.000	0.000	0.000	0.000
						0	0.000	0.000	0.000	0.000	0.000
	Sub-Total (C)					0	0.000	0.000	0.000	0.000	0.000
D.	**Service Connections**	Cable Size, Meter Type	Nos.								
	(a) Domestic					0	0.000	0.000	0.000	0.000	0.000
	(b) Commercial					0	0.000	0.000	0.000	0.000	0.000
	(c) Agricultural					0	0.000	0.000	0.000	0.000	0.000
	(d) Small Industrial					0	0.000	0.000	0.000	0.000	0.000
	(e) Water Works					0	0.000	0.000	0.000	0.000	0.000
	(f) Street Lights					0	0.000	0.000	0.000	0.000	0.000
	(g) BPL beneficiaries					0	0.000	0.000	0.000	0.000	0.000
	Sub-Total (D)					0	0.000	0.000	0.000	0.000	0.000

Abstract - Scope of work and estimated cost

REC Ltd

State :

Name of District & Census Code :

Scheme Code No. : B

Abstract - Scope of work and estimated cost

Sr.No.	Item of Work	Specifications	Unit	Ref. No. for detailed cost data	Unit Cost Rs.Lakh	Total Quantity	Total Cost Rs.Lakh	Phasing of Quantity		Phasing of Cost	
								Year 1	Year 2	Year 1	Year 2
E.	**Metering**	Type, Current Rating etc.	Nos.								
	(a) At 11 KV Feeders					0	0.000	0.000	0.000	0.000	0.000
	(b) At Distribution Transformers					0	0.000	0.000	0.000	0.000	0.000
	[On LT side of transformers					0	0.000	0.000	0.000	0.000	0.000
	if not provided with DTCs]										
	Sub-Total (E)					0	0.000	0.000	0.000	0.000	0.000
F.	Other Innovative Equipments										
	(a) Switched Capacitors	KVAR	Nos.			0	0.000	0.000	0.000	0.000	0.000
	(b) Fixed Capacitors	KVAR	Nos.			0	0.000	0.000	0.000	0.000	0.000
	(c) Others (Pl. Specify)										
	Sub-Total (F)					0	0.000	0.000	0.000	0.000	0.000
G.	**Computerisation and other automations**										
	(a) Computer Hardware	Pl.Specify				0	0.000	0.000	0.000	0.000	0.000
	(b) Computer Software	Pl.Specify				0	0.000	0.000	0.000	0.000	0.000
	(c) Handheld Billing Machine	Pl.Specify				0	0.000	0.000	0.000	0.000	0.000
	(d) Consumer indexing	Pl.Specify				0	0.000	0.000	0.000	0.000	0.000
	(e) Others (Pl. specify)	Pl.Specify				0	0.000	0.000	0.000	0.000	0.000
	Sub-Total(G)					0	0.000	0.000	0.000	0.000	0.000
H.	**Total (A+B+C+D+E+F+G)**					0	0.000	0.000	0.000	0.000	0.000
I.	**Overheads : 10% of H (applicable State Power Utlities only) OR**					0	0.000	0.000	0.000	0.000	0.000
	Service Charge : 12% of H or as may be applicable to CPSUs only					0	0.000	0.000	0.000	0.000	0.000
J.	**Total (H + I)**										
K.	**Cost of Franchisee Development**										
	Grand Total (J + K)					0	0.000	0.000	0.000	0.000	0.000

Note: The item of works shown above are only indicative and may charge as per requirement and in line with the guidelines.Please delete what is not required.

SECTION - C

Present status of rural electrification

Blockwise Details On Present Status of Electrification of Villages & Habitations

C - 1a

State :

Name of District & Census Code :

Scheme Code No. :

Sr.No.	Name of Block	Census Code (2001)	Total Population	Total Area	Status of Electrification of Vllages				Status of Electrification of Habitations (Hamlet/Dhani/Tola/Majra/Kara)				No. of villages electrified with non-conventional energy sources, if any
					Total No. of villages	No. of villages electrified as on _____	% Electrification	Balance no. of villages to be electrified	Total No. of Village Habitations	No. of Village Habitations electrified as on _____	% Electrification	Balance no. of Village Habitations to be electrified as on _____	
			Nos.	Sq.Km	Nos.	Nos.	%	Nos.	Nos.	Nos.	%	Nos.	
1	*2*	*3*	*4*	*5*	*6*	*7*	*8*	*9*	*10*	*11*	*12*	*13*	*14*
1													
2													
3													
...													
	Total												

Note : 1. The above informatiom is required only for RURAL AREA

2. The above informatiom is required for all the blocks in a district

C - 1b

Blockwise Details On Present Status of Rural Household Electrification

State :

Name of District & Census Code : **Scheme Code No. :**

Sr.No.	Name of Block	Census Code (2001)	Status of Rural Households (RHH) Electrification - As per Census 2001 (Including BPL households)				Status of Below Powerty Line Households (BPL HH) Electrification			
			Total No. of RHH	No. of RHH electrified as on _____	% Electrification	Balance no. of RHHs to be electrified	Total No. of BPL HH	No. of BPL HH electrified as on _____	% Electrification	Balance no. of BPL HH to be electrified
			Nos.	Nos.	%	Nos.	Nos.	Nos.	%	Nos.
1	*2*	*3*	*4*	*5*	*6*	*7*	*8*	*9*	*10*	*11*
1										
2										
3										
...										
	Total									

Note : 1. The above informatiom is required only for RURAL AREA

2. The above informatiom is required for all the blocks in a district

Blockwise Details of Existing Consumers

REC Ltd. **C - 2**

State :

Name of District & Census Code :

Scheme Code No. :

Sr.No.	Name of Block	Census Code (2001	Category wise no. of consumers and connected load									Categorywise average sale of energy (Kwh) and revenue per annum								
			Dom.	Kutir Jyoti / BPL HH	Comm.	Ag.	Small Ind.	Water Works	Street Lights	Others _____	Total	Dom.	Kutir Jyoti / BPL HH	Comm.	Ag.	Small Ind.	Water Works	Street Lights	Others _____	Total
			No./KW	No./KW	No./KW	No./KW	No./KW	No./KW	No./KW	No./KW	No./KW	Kwh / Rs	Kwh / Rs	Kwh / Rs	Kwh / Rs	Kwh / Rs	Kwh / Rs	Kwh / Rs	Kwh / Rs	Kwh / Rs
1	*2*	*3*	*4*	*5*	*6*	*7*	*8*	*9*	*10*	*11*	*12*	*13*	*14*	*15*	*16*	*17*	*18*	*19*	*20*	*21*
1																				
2																				
3																				
....																				
	Total																			

Note : 1. The above informatiom is required only for RURAL AREA

2. The above informatiom is required for all the blocks in a district

Blockwise Details of Sub-stations and Lines located in the block

C - 3

State :

Name of District & Census Code :

Scheme Code No. :

Sr. No.	Name of Block	Census Code (2001)	Existing Sub-stations and Lines located in each block										
			132/33 KV Sub-stations		33/11 KV Sub-stations		Length of 33 KV Line	Total No. of 11 KV feeders	Length of 11 KV Lines	Distribution Sub-stations		Total No. of LT feeders	Length of LT Lines
			No. of sub-stations	Total Power Transformer Capacity	No. of sub-stations	Total Power Transformer Capacity				No. of sub-stations	Total Dist. Transformer Capacity		
			Nos.	MVA	Nos.	MVA	Kms	No.	Kms	No.	MVA	No.	Kms
1	*2*	*3*	*4*	*5*	*6*	*7*	*8*	*9*	*10*	*11*	*12*	*13*	*14*
1													
2													
3													
...													
	Total												

Note : 1. Voltage level of the sub-transmission system viz. 33 kV may be changed appropriately as obtaining in the project area like 66 kV etc.

2. The above informatiom is required only for RURAL AREA

3. The above informatiom is required for all the blocks in a district

Blockwise Villagewise details of present status of electrification of households and public places / services in already electrified villages

C - 4

State

Name of District and Census Code

Scheme Code No. :

Sr.No. (Block)	Name of Block	Census Code (2001)	Sr.No. (Village)	Name of Village	Census Code (2001)	Status of Electrification of Village Habitation (Hemlet/Dhani/Tola/Majra/Kara)			Status of Rural Households (RHH) Electrification - As per Census 2001 (Including BPL households)				Status of Below Powerty Line Households (BPL HH) Electrification				Status of Public Places / Services - No. of				Population	Area (Sq.Km.)
						Total No. of Village Habitations	No. of Village Habitations electrified as on	Balance no. of Village Habitations to be electrified as on	Total No. of RHH	No. of RHH electrified as on _____	% Electrification	Balance no. of RHH to be electrified	Total No. of BPL HH	No. of BPL HH electrified as on _____	% Electrification	Balance no. of BPL HH to be electrified	Schools	Panchayat Office	Health Centres	Others (Pl. specify)		
						Nos.	Nos.	Nos.	Nos.	Nos.	%	Nos.	Nos.	Nos.	%	Nos.	Total / Electrified	Total / Electrified	Total / Electrified	Total / Electrified		
1	*2*	*3*	*4*	*5*	*6*	*7*	*8*	*9*	*10*	*11*	*12*	*13*	*14*	*15*	*16*	*17*	*18*	*19*	*20*	*21*	*22*	*23*
1	Block - 1		1	Village - 1 (Block-1)																		
			(i)	Habitation - 1 (Vill-1)																		
			(ii)	Habitation - 2 (Vill-1)																		
				Sub-Total(Village-1)																		
			2	Village - 2 (Block-1)																		
			(i)	Habitation - 1 (Vill-2)																		
			(ii)	Habitation - 2 (Vill-2)																		
				Sub-Total(Village-2)																		
			.....																			
	Sub-Total (Block - 1)																					
2	Block - 2		1	Village - 1 (Block-2)																		
			(i)	Habitation - 1 (Vill-1)																		
			(ii)	Habitation - 2 (Vill-1)																		
				Sub-Total(Village-1)																		
			2	Village - 2 (Block-2)																		
			(i)	Habitation - 1 (Vill-2)																		
			(ii)	Habitation - 2 (Vill-2)																		
				Sub-Total(Village-2)																		
			.....																			
	Sub-Total (Block - 2)																					
.....																						
	Grand Total																					

Blockwise Villagewise details of existing infrastructure in already electrified villages

C - 5

State

Scheme Code No. :

Name of District and Census Code

Sr.No.	Name of Block	Census Code (2001)	Sr.No. (Village)	Name of Village / habitation (Hamlet/Dhani/Tola/ Majra/Kara/Dalit Basti)	Census Code (2001)	Existing infrastructure									Name of feeding 33/11 KV sub-stations	Name of concerned 11 KV Feeder
						33/11 KV SS	Length of 33 KV Line	Distribution Sub-stations			Length of 11 KV Lines	No. of LT Feeders	Length of LT Lines			
								Transformer Capacity	1-ph or 3ph	No. of Transformers			Configuration (1-ph, 3-Ph etc.)	Length of LT Lines		
						Nos./MVA	Kms	KVA		No.	Kms	Nos.		Kms		
1	*2*	*3*	*4*	*5*	*6*	*4*	*5*	*6*	*7*	*8*	*9*	*10*	*11*	*12*	*13*	*14*
1	Block - 1		1	Village - 1 (Block-1)												
			(i)	Habitation - 1 (Vill-1)												
			(ii)	Habitation - 2 (Vill-1)												
				Sub-Total(Village-1)												
			2	Village - 2 (Block-1)												
			(i)	Habitation - 1 (Vill-2)												
			(ii)	Habitation - 2 (Vill-2)												
				Sub-Total(Village-2)												
			.....													
	Sub-Total (Block - 1)															
2	Block - 2		1	Village - 1 (Block-2)												
			(i)	Habitation - 1 (Vill-1)												
			(ii)	Habitation - 2 (Vill-1)												
				Sub-Total(Village-1)												
			2	Village - 2 (Block-2)												
			(i)	Habitation - 1 (Vill-2)												
			(ii)	Habitation - 2 (Vill-2)												
				Sub-Total(Village-2)												
			.....													
	Sub-Total (Block - 2)															
.....																
	Grand Total															

Note : 1. Voltage level of the sub-transmission system viz. 33 kV may be replaced appropriately as obtaining in the project area like 66 kV etc.

3. All other details may be furnished for the village as a whole.

Block-wise Village-wise category-wise existing no. of connections in already electrified villages

C - 6

State

Scheme Code No. :

Name of District and Census Code

Sr.No.	Name of Block	Census Code (2001)	Sr.No. (Village)	Name of Village/ habitation (Hamlet/Dhani/Majra/ Kara/Dalit Basti)	Census Code (2001)	Existing No. of Connections and Connected Load													
						Domestic (Other than BPL)		Domestic (BPL)		Commercial		Agriculture		Small Industries		Others (Pl. Specify)		Total	
						No.	KW	No.	KW	No.	KW	No.	KW	No.	KW	No.	KW	No.	KW
1	*2*	*3*	*4*	*5*	*6*	*7*	*8*	*9*	*10*	*11*	*12*	*13*	*14*	*15*	*16*	*17*	*18*	*19*	*20*
1	Block - 1		1	Village - 1 (Block-1)															
			(i)	Habitation - 1 (Vill-1)															
			(ii)	Habitation - 2 (Vill-1)															
				Sub-Total(Village-1)															
2			2	Village - 2 (Block-1)															
			(i)	Habitation - 1 (Vill-2)															
			(ii)	Habitation - 2 (Vill-2)															
				Sub-Total(Village-2)															
.....			.....																
	Sub-Total (Block - 1)																		
	Block - 2		1	Village - 1 (Block-2)															
			(i)	Habitation - 1 (Vill-1)															
			(ii)	Habitation - 2 (Vill-1)															
				Sub-Total(Village-1)															
			2	Village - 2 (Block-2)															
			(i)	Habitation - 1 (Vill-2)															
			(ii)	Habitation - 2 (Vill-2)															
				Sub-Total(Village-2)															
			.....																
	Sub-Total (Block - 2)																		

Blockwise Villagewise details of un-electrified villages to be electrified under present scheme

C - 7

State

Scheme Code No. :

Name of District and Census Code

Sr.No. (Block)	Name of Block	Census Code (2001)	Sr.No. (Village)	Name of De-electrified Village	Census Code (2001)	Total no. of Rural Households	Total no. of BPL Rural Households	Population	Area (Sq.Km.)	Whether SC/ST/ Tribal Village	Distance from Nearest 33/11 KV sub-station (Kms)	Distance from Nearest 11 KV Line (Kms)	Public Places / Services - No. of				
													Schools	Panchayat Office	Health Centres	Community Centres	Others (Pl. specify)
1	*2*	*3*	*4*	*5*	*6*	*7*	*8*	*9*	*10*	*11*	*12*	*13*	*14*	*15*	*16*	*17*	*18*
1	Block - 1		1	Village - 1 (Block-1)													
				Habitation-1(Vill-1)					-	-	-	-					
				Habitation-2(Vill-1)					-	-	-	-					
				Sub-Total (Vill-1)													
			2	Village - 2 (Block-1)													
				Habitation-1(Vill-2)					-	-	-	-					
				Habitation-2(Vill-2)					-	-	-	-					
				Sub-Total (Vill-2)													
			.....														
	Sub-Total (Block - 1)																
2	Block - 2		1	Village - 1 (Block-2)													
				Habitation-1(Vill-1)					-	-	-	-					
				Habitation-2(Vill-1)					-	-	-	-					
				Sub-Total (Vill-1)													
			2	Village - 2 (Block-2)													
				Habitation-1(Vill-2)					-	-	-	-					
				Habitation-2(Vill-2)					-	-	-	-					
				Sub-Total (Vill-2)													
			.....														
	Sub-Total (Block - 2)									-	-	-					
.....																	
	Grand Total									-	-	-					

Note :. Habitation wise details are not required to be furnished in col.10,11,12 & 13.

Blockwise Villagewise details of De-electrified villages to be electrified under present scheme

C - 8

State

Scheme Code No. :

Name of District and Census Code

Sr.No. (Block)	Name of Block	Census Code (2001)	Sr.No. (Village)	Name of De-electrified Village	Census Code (2001)	Total no. of Rural Households	Total no. of BPL Rural Households	Population	Area (Sq.Km.)	Whether SC/ST/ Tribal Village	Distance from Nearest 33/11 KV sub-station (Kms)	Distance from Nearest 11 KV Line (Kms)	Public Places / Services - No. of				
													Schools	Panchayat Office	Health Centres	Community Centres	Others (Pl. specify)
1	*2*	*3*	*4*	*5*	*6*	*7*	*8*	*9*	*10*	*11*	*12*	*13*	*14*	*15*	*16*	*17*	*18*
1	Block - 1		1	Village - 1 (Block-1)													
				Habitation-1(Vill-1)					-	-	-	-					
				Habitation-2(Vill-1)					-	-	-	-					
				Sub-Total (Vill-1)													
			2	Village - 2 (Block-1)													
				Habitation-1(Vill-2)					-	-	-	-					
				Habitation-2(Vill-2)					-	-	-	-					
				Sub-Total (Vill-2)													
			.....														
	Sub-Total (Block - 1)																
2	Block - 2		1	Village - 1 (Block-2)													
				Habitation-1(Vill-1)					-	-	-	-					
				Habitation-2(Vill-1)					-	-	-	-					
				Sub-Total (Vill-1)													
			2	Village - 2 (Block-2)													
				Habitation-1(Vill-2)					-	-	-	-					
				Habitation-2(Vill-2)					-	-	-	-					
				Sub-Total (Vill-2)													
			.....														
	Sub-Total (Block - 2)									-	-	-					
.....																	
	Grand Total									-	-	-					

Note :. Habitation wise details are not required to be furnished in col.10,11,12 & 13.

C - 9

Blockwise Villagewise details of De-electrified villages to be re-electrified under present scheme

State

Name of District and Census Code **Scheme Code No. :**

Sr.No. (Block)	Name of Block	Census Code (2001)	Sr.No. (Village)*	Name of De-electrified Village	Census Code (2001)	Date of declaration of earlier electrification	Reasons for de-electrification	Date of de-electrification, if notified by state / state power utility	Whether any Infrastructure exists, If yes, Give details of existing infrastructure
1	*2*	*3*	*4*	*5*	*6*	*7*	*8*	*9*	*10*
1	Block - 1		1	Village - 1 (Block-1)					
			2	Village - 2 (Block-1)					
			.....						
2	Block - 2		1	Village - 1 (Block-2)					
			2	Village - 2 (Block-2)					
			.....						
.....									

*** Please indicate the de-electrified villages in seriatum.**

SECTION - D

Scheme Proposal

Scheme Proposal : Blockwise electrification of Villages and Habitations proposed under present scheme

D - 1a

State :

Name of District & Census Code :

Scheme Code No. :

Sr. No.	Name of Block	Census Code (2001)	Village Electrification			Status of Electrification of Habitations (Hamlet/Dhani/Tola/Majra/Kara)		
			Balance no. of villages to be electrified as on _____	Proposed No. of villages to be electrified under persent scheme	Balance no. of villages to be electrified after implementation of present scheme	Balance no. of habitations to be electrified	Proposed No. of habitations to be electrified	Balance no. of habitations to be electrified in future
			Nos.	Nos.	Nos.	Nos.	Nos.	Nos.
1	*2*	*3*	*4*	*5*	*6*	*4*	*5*	*6*
1								
2								
3								
….								
	Total							

Scheme Proposal : Blockwise electrification of rural households and BPL households and Public places / services proposed under present scheme

D - 1b

State :

Scheme Code No. :

Name of District & Census Code :

Sr. No.	Name of Block	Census Code (2001)	Rural Households (RHH) Electrification (including BPL households)			Below Powerty Line Households (BPL HH) Electrification			Electrification of Public places / services			
			Balance no. of RHH to be provided access to electriicty	Proposed No. of connections to be released to RHH	Balance no. of RHH to be connected in future	Balance no. of BPL HH to be electrified	Proposed No. of connections to be released to BPL HH	Balance no. of BPL HH to be connected in future, if any (Pl. also indicate reasons)*	Schools	Panchayat Office	Health Centres	Other _____ (Pl. Specify)
			Nos.	Nos.	Nos.	Nos.	Nos.	Nos.	Nos.	Nos.	Nos.	Nos.
1	*2*	*3*	*4*	*5*	*6*	*7*	*8*	*9*	*10*	*11*	*12*	*13*
1												
2												
3												
….												
	Total											

*** As per guidelines all balance BPL households are to be electrified. However, in case of any difficulty in electrifying all BPL HH, the reasons for the same may be indicated.**

Scheme Proposal : Blockwise proposed infrastructure - sub-stations and line)

State :

D - 2

Name of District & Census Code :

Scheme Code No. :

Sr. No.	Name of Block	Census Code (2001)	Proposed Infrastructure											
			33/11 KV Sub-stations		Length of 33 KV Line	Total No. of 11 KV feeders	Total Length of 11 KV Lines (feeders)	Distribution Sub-stations				Total No. of LT feeders	Total Length of LT Lines (feeders)	
			No. of sub-stations	Total Power Transformer Capacity				Transformer Capacity	1-ph or 3-ph	No. of sub-stations	Total Dist. Transformer Capacity		Configuration (1-ph, 3-Ph etc.)	Length of LT Lines
			No.	MVA	Kms	No.	Kms	KVA		No.	MVA	No.		Kms
1	*2*	*3*	*4*	*5*	*6*	*7*	*8*	*9*	*10*	*11*	*12*	*13*	*14*	*15*
1								10*	1-ph *				1-ph*	
								16*	3-ph *				3-ph*	
2								10*	1-ph *				1-ph*	
								16*	3-ph *				3-ph*	
3														
…														
	Total													

Note : 1. Voltage level of the sub-transmission system viz. 33 kV may be replaced appropriately as obtaining in the project area like 66 kV etc.

*** Please indicate actual as obtaining.**

Scheme Proposal : Blockwise Villagewise details of electrification of rural houseolds, BPL households and public services

D - 3

State

Scheme Code No. :

Name of District and Census Code

Sr.No. (Block)	Name of Block	Census Code (2001)	Sr.No. (Village)	Name of Village/ Habitation (Hamlet/Dhani/Majra/Kara/Dalit Basti)	Census Code (2001)	Electrification of Habitations			Rural Households (RHH) Electrification			Below Powerty Line Households (BPL			Electrification of Public places / services			
						Balance no. of habitations to be electrified	Proposed No. of habitations to be electrified	Balance no. of habitations to be electrified in future	Balance no. of RHH to be provided access to electriicty	Proposed No. of connections to be released to RHH	Balance no. of RHH to be connected in future	Balance no. of BPL HH to be electrified	Proposed No. of connections to be released to BPL HH	Balance no. of BPL HH to be connected in future, if any (Pl. also indicate reasons)*	Schools	Panchayat Office	Health Centres	Other _____ (Pl. Specify)
1	*2*	*3*	*4*	*5*	*6*	*7*	*8*	*9*	*10*	*11*	*12*	*13*	*14*	*15*	*16*	*17*	*18*	*19*
1	Block - 1		1	Village - 1 (Block-1)														
			(i)	Habitation - 1 (Vill-1)		-	-	-										
			(ii)	Habitation - 2 (Vill-1)		-	-	-										
				Sub-Total(Village-1)														
			2	Village - 2 (Block-1)														
			(i)	Habitation - 1 (Vill-2)		-	-	-										
			(ii)	Habitation - 2 (Vill-2)		-	-	-										
				Sub-Total(Village-2)														
			.....															
	Sub-Total (Block - 1)																	
2	Block - 2		1	Village - 1 (Block-2)														
			(i)	Habitation - 1 (Vill-1)		-	-	-										
			(ii)	Habitation - 2 (Vill-1)		-	-	-										
				Sub-Total(Village-1)														
			2	Village - 2 (Block-2)														
			(i)	Habitation - 1 (Vill-2)		-	-	-										
			(ii)	Habitation - 2 (Vill-2)		-	-	-										
				Sub-Total(Village-2)														
			.....															
	Sub-Total (Block - 2)																	
	Grand Total																	

Note : 1. The above details are to be provided for un-electrified villages, de-electrified villages and already electrified villages covered under the present project in separate sheets.

Scheme Proposal : Villagewise Proposed Infrastructure

D - 4

State

Scheme Code No. :

Name of District and Census Code

Sr.No.	Name of Block	Census Code (2001)	Sr.No. (Village)	Name of Village/ Habitation (Hamlet/Dhani/Majra/Kara/Dalit Basti)	Census Code (2001)	Proposed infrastructure									Name of feeding 33/11 KV sub-stations	Name of concerned 11 KV Feeder
						33/11 KV S/S	Length of 33 kV line	Distribution Sub-stations			Length of 11 KV Lines	No. of LT Feeders	Length of LT Lines			
								Transformer Capacity	1-ph or 3ph	No. of Transformers			Configuration (1-ph, 3-Ph etc.)	Length of LT Lines		
						No/MVA	kms	KVA		No.	Kms	Nos.		Kms		
1	*2*	*3*	*4*	*5*	*6*	*4*	*5*	*6*	*7*	*8*	*9*	*10*	*11*	*12*	*13*	*14*
1	Block - 1		1	Village - 1 (Block-1)												
			(i)	Habitation - 1 (Vill-1)		-	-				-	-	-	-	-	-
			(ii)	Habitation - 2 (Vill-1)		-	-				-	-	-	-	-	-
				Sub-Total(Village-1)												
			2	Village - 2 (Block-1)												
			(i)	Habitation - 1 (Vill-2)		-	-				-	-	-	-	-	-
			(ii)	Habitation - 2 (Vill-2)		-	-				-	-	-	-	-	-
				Sub-Total(Village-2)												
			.....													
	Sub-Total (Block - 1)															
2	Block - 2		1	Village - 1 (Block-2)												
			(i)	Habitation - 1 (Vill-1)		-	-				-	-	-	-	-	-
			(ii)	Habitation - 2 (Vill-1)		-	-				-	-	-	-	-	-
				Sub-Total(Village-1)												
			2	Village - 2 (Block-2)												
			(i)	Habitation - 1 (Vill-2)		-	-				-	-	-	-	-	-
			(ii)	Habitation - 2 (Vill-2)		-	-				-	-	-	-	-	-
				Sub-Total(Village-2)												
			.....													
	Sub-Total (Block - 2)															
	Grand Total															

Note : 1. The above details are to be provided for un-electrified villages, de-electrified villages and already electrified villages covered under the present project in separate sheets.

2. Voltage level of the sub-transmission system viz. 33 kV may be replaced appropriately as obtaining in the project area like 66 kV etc.

3.. Habitation wise details are required to be furnished only for the proposed distribution transformers in col. 6,7 & 8

4. All other details may be furnished for the village as a whole.

Scheme Proposal : Village-wise category-wise proposed no. of connections

State

D - 5

Scheme Code No. :

Name of District and Census Code

Sr.No.	Name of Block	Census Code (2001)	Sr.No. (Village)	Name of Village/ Habitation (Hamlet, Majra, Dhani,Kara, Dalit Basti)	Census Code (2001)	Proposed No. of Connections and Connected Load													
						Domestic (Other than BPL)		Domestic (BPL)		Commercial		Agriculture		Small Industries		Others (Pl. Specify)		Total	
						No.	KW	No.	KW	No.	KW	No.	KW	No.	KW	No.	KW	No.	KW
1	*2*	*3*	*4*	*5*	*6*	*7*	*8*	*9*	*10*	*11*	*12*	*13*	*14*	*15*	*16*	*17*	*18*	*19*	*20*
1	Block - 1		1	Village - 1 (Block-1)															
			(i)	Habitation - 1 (Vill-1)															
			(ii)	Habitation - 2 (Vill-1)															
				Sub-Total(Village-1)															
			2	Village - 2 (Block-1)															
			(i)	Habitation - 1 (Vill-2)															
			(ii)	Habitation - 2 (Vill-2)															
				Sub-Total(Village-2)															
			.....																
	Sub-Total (Block - 1)																		
2	Block - 2		1	Village - 1 (Block-2)															
			(i)	Habitation - 1 (Vill-1)															
			(ii)	Habitation - 2 (Vill-1)															
				Sub-Total(Village-1)															
			2	Village - 2 (Block-2)															
			(i)	Habitation - 1 (Vill-2)															
			(ii)	Habitation - 2 (Vill-2)															
				Sub-Total(Village-2)															
			.....																
	Sub-Total (Block - 2)																		
	Grand Total																		

Note : 1. The above details are to be provided for un-electrified villages, de-electrified villages and already electrified villages covered under the present project in separate sheets.

SECTION - E

Technical Data

DETAILS OF EXISTING EHV SUB STATIONS FEEDING THE SCHEME AREA

(220 KV and 132 KV)

E - 1

State :

Scheme Code No. :

Name of District and Census Code :

Sl. No.	Name of Existing EHV S/Stn.	Name of Block and Census Code	Voltage Ratio KV	Transformer capacity			Maximum Demand (Existing)	Additional Demand due to present sch.	Anticipated Maximum Demand after impl. of scheme	Remarks *
				No.	Cap in MVA	Total MVA	MVA	MVA	MVA	
1	2	3	4	5	6	7	8	9	10	11
1			220/132 132/33 132/11 33/11							
2										
3										
4										
.										
.										
	TOTAL									

Note : 1. Voltage level of the sub-transmission system viz. 33 kV may be replaced appropriately as obtaining in the project area like 66 kV etc.

*** Please indicate proposal for load shifting or augmentation, if any.**

Details of 33 KV Feeders Emanating from EHV sub-stations

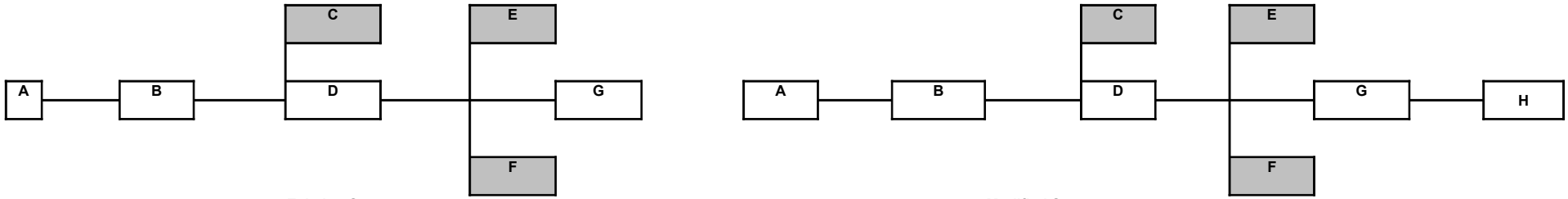
E - 2

State **Scheme Code No. :**

Name of District and Census Code

Name of EHV sub-station and voltage level (132 or 220 KV)

Sr. No.	Name of 33 KV Feeder	33 KV Line Section (Existing system with Existing Load)								33 KV Line Section (Modified system with Anticipated Load)							
		Line Section	Name of Originating sub-station	Name of Terminating sub-station	Type and Size of Conductor	Length of Section	Maximum Demand on section	% Voltage Regulation at Terminating sub-station	Annual Energy Losses in Section	Line Section	Name of Originating sub-station	Name of Terminating sub-station	Type and Size of Conductor	Length of Section	Maximum Demand on section	% Voltage Regulation at Terminating sub-station	Annual Energy Losses in Section
						(Km.)	(MVA)	(%)	(LU)					(Km.)	(MVA)	(%)	
1	*2*	*3*	*4*	*5*	*6*	*7*	*8*	*9*	*10*	*11*	*12*	*13*	*14*	*15*	*16*	*17*	*18*
1	Feeder-1	A-B	A	B						A-B	A	B					
		B-D	B	D						B-D	B	D					
		D-G	D	G						D-G	D	G					
		Sub-Total (Feeder - 1)					-	-		G-H	G	H					
										Sub-Total (Feeder - 1)					-	-	
2	Feeder-2																
		Sub-Total (Feeder - 2)					-	-		Sub-Total (Feeder - 2)					-	-	
		Grand Total (All feeders)					-	-		Grand Total (All feeders)					-	-	



Existing System

Modified System

Typical single line diagram of a 33 KV Feeder

Spur lines to be lumped at trunk feeder node.

Note : 1. Voltage level of the sub-transmission system viz. 33 kV may be replaced appropriately as obtaining in the project area like 66 kV etc.
2. Separate sheet may be used for each of the EHV sub-station in a district.

Details of 11 KV feeders of Newly Proposed 33 /11 KV Sub-stations

E - 3

State **Scheme Code No. :**

Name of District and Census Code

Sr. No.	Name of Block, Census Code and Longitude & Latitude	Sr.No. (Sub-station)	Name of 33 KV sub-station	Power Transformer Capacity				Total Anticipated Max. Demand	11 KV Feeders								Distribution Transformer Capacity (Feeder wise)		
				Voltage Ratio	No. of Power Transformers	Capacity in MVA	Toal MVA Capacity		Feeder No.	Name of Feeder	Length of Feeder	Conductor Type, Name & Size	Anticipated Max. Demand on feeder	% Voltage Regulation	Annual Energy Loss	No. of Connected Villages	Capacity in KVA	No. of DTs	Total KVA Capacity
1	*2*	*3*	*4*	*5*	*6*	*7*	*8*	*9*	*10*	*11*	*12*	*13*	*14*	*15*	*16*	*17*	*18*	*19*	*20*
1	Block : …….. Census Code : …… Longitude : …….. Latitude : ……	1							1								10* 16* 25*		
									2								10* 16* 25*		
									3								10* 16* 25*		
		2							1										
									2										
									3										
2	Block : …….. Census Code : …… Longitude : …….. Latitude : ……	1							1										
									2										
……																			

Details of proposed augmentation of existing 33 /11 KV Sub-stations and existing & proposed 11 KV feeders from these Substations

E - 3a

State **Scheme Code No. :**

Name of District and Census Code

Sr. No.	Name of Block, Census Code and Longitude & Latitude	Sr.No. (Sub-station)	Name of Existing 33 KV sub-station to be augmented	Power Transformer Capacity (No x MVA) before and after augmentation				Total Anticipated Max. Demand	11 KV Feeders								Distribution Transformer Capacity (Feeder wise)		
				Voltage Ratio	From (No x MVA)	To (No x MVA)	Toal MVA Capacity added		Feeder No.	Name of Feeder	Length of Feeder	Conductor Type, Name & Size	Anticipated Max. Demand on feeder	% Voltage Regulation	Annual Energy Loss	No. of Connected Villages	Capacity in KVA	No. of DTs	Total KVA Capacity
1	*2*	*3*	*4*	*5*	*6*	*7*	*8*	*9*	*10*	*11*	*12*	*13*	*14*	*15*	*16*	*17*	*18*	*19*	*20*
1	Block : …….. Census Code : …… Longitude : …….. Latitude : ……	1							1								10* 16* 25*		
									2								10* 16* 25*		
									3								10* 16* 25*		
		2							1										
									2										
									3										
2	Block : …….. Census Code : …… Longitude : …….. Latitude : ……	1							1										
									2										
……																			

Details of 11 KV feeders of Existing 33 /11 KV Sub-stations (Existing Status - Before implementation of present scheme)

E - 4

State **Scheme Code No. :**

Name of District and Census Code

Sr. No.	Name of Block, Census Code and Longitude & Latitude	Sr.No. (Sub-station)	Name of 33 KV sub-station	Existing Power Transformer Capacity				Total Max. Demand (Existing)	11 KV Feeders								Distribution Transformer Capacity (Feeder wise)		
				Voltage Ratio	No. of Power Transformers	Capacity in MVA	Toal MVA Capacity		Feeder No.	Name of Feeder	Length of Feeder	Conductor Type, Name & Size	Max. Demand on feeder (Existing)	% Voltage Regulation	Annual Energy Loss	No. of Connected Villages	Capacity in KVA	No. of DTs	Total KVA Capacity
1	*2*	*3*	*4*	*3*	*4*	*5*	*6*	*7*	*8*	*9*	*10*	*11*	*12*	*13*	*14*	*15*	*16*	*17*	*18*
1	Block : …….. Census Code : …… Longitude : …….. Latitude : ……	1							1								10* 16* 25*		
									2								10* 16* 25*		
									3								10* 16* 25*		
		2							1										
									2										
									3										
2	Block : …….. Census Code : …… Longitude : …….. Latitude : ……	1							1										
									2										
……																			

Note : 1. Voltage level of the sub-transmission system viz. 33 kV may be replaced appropriately as obtaining in the project area like 66 kV etc.

Details of 11 KV feeders of Existing 33 /11 KV Sub-stations (Modified Status - After implementation of present scheme)

E - 5

State

Scheme Code No. :

Name of District and Census Code

Sr. No.	Name of Block, Census Code and Longitude & Latitude	Sr.No. (Sub-station)	Name of 33 KV sub-station	Existing Power Transformer Capacity				Total Max. Demand (Existing)	11 KV Feeders								Distribution Transformer Capacity (Feeder wise)		
				Voltage Ratio	No. of Power Transformers	Capacity in MVA	Toal MVA Capacity		Feeder No.	Name of Feeder	Length of Feeder	Conductor Type, Name & Size	Max. Demand on feeder (Existing)	% Voltage Regulation	Annual Energy Loss	No. of Connected Villages	Capacity in KVA	No. of DTs	Total KVA Capacity
1	*2*	*3*	*4*	*3*	*4*	*5*	*6*	*7*	*8*	*9*	*10*	*11*	*12*	*13*	*14*	*15*	*16*	*17*	*18*
1	Block : …….. Census Code : …… Longitude : …….. Latitude : ……	1							1								10* 16* 25*		
									2								10* 16* 25*		
									3								10* 16* 25*		
		2							1										
									2										
									3										
2	Block : …….. Census Code : …… Longitude : …….. Latitude : ……	1							1										
									2										
……																			

Note : 1. Voltage level of the sub-transmission system viz. 33 kV may be replaced appropriately as obtaining in the project area like 66 kV etc.

Details of new 33 KV lines proposed for erection under present scheme

E - 6

State

Scheme Code No. :

Name of District and Census Code

Sr. No.	Name of Block and Census Code	Name of new line/Section		Source Sub-station	Connecting sub-station	Conductor Size/ Name	Length (Km)
		From (Location)	To (Location)				
1	*2*	*3*	*4*	*5*	*6*	*7*	*8*
1	Block : …….. Census Code : ……						
	Sub-Total						
2	Block : …….. Census Code : ……						
	Sub-Total						
……							
	Grand Total						

Details of new 11 KV lines proposed for erection under present scheme

E - 7

State

Name of District and Census Code **Scheme Code No. :**

Sr. No.	Name of Block and Census Code	Name of 33/11 KV Substation	Name of 11 KV Feeder	Section of feeder		Conductor Size and Name	Addl. Length of line to be erected (KM)
				From Location	To Location		
1	*2*	*3*	*4*	*5*	*6*	*7*	*8*
1	Block : …….. Census Code : ……						
	Sub-Total						
2	Block : …….. Census Code : ……						
	Sub-Total						
	Grand Total						

Note : 1. Voltage level of the sub-transmission system viz. 33 kV may be replaced appropriately as obtaining in the project area like 66 kV etc.

Augmentation of conductors of 33 & 11 KV feeders proposed under present scheme

State

E - 8

Name of District and Census Code

Scheme Code No. :

Sr. No.	Name of Block and Census Code	Name of Feeder		Voltage Level (KV)	Augmentation of conductor		Length involved (Ckt.Km)	Remarks
		From Location	To Location		From (Name/Size)	To (Name/Size)		
1	*2*	*3*	*4*	*5*	*6*	*7*	*8*	*9*
1	Block : …….. Census Code : ……							
	Sub-Total							
2	Block : …….. Census Code : ……							
	Sub-Total							
	Grand Total							

Details of Existing distribution system - Before implementation of the scheme

E - 9

State

Scheme Code No. :

Name of District and Census Code

Sl. No.	Name of Block and Census Code	Name of Existing HV S/Stn.	Voltage Ratio	Name of 11KV Feeder	Total Connected Load KVA	Length of 11 KV line	DTs connected		No. of Connected Villages	Total LT line length	HT/LT ratio	Average LT line per transformer (Km/T/F)	Ratio of CL to DT capacity	Max. VR of LT feeder	Total LT losses
							No.	KVA							Lus
1	*2*	*3*	*4*	*5*	*6*	*7*	*8*	*9*	*10*	*11*	*12*	*13*	*14*	*15*	*16*
				1				10*							
								16*							
								25*							
				2				10*							
								16*							
								25*							
				3				10*							
								16*							
								25*							
								10*							
				4				16*							
								25*							
				1											
				2											
				3											
				4											

*** Please indicate actual as obtaining.**

Details of Proposed distribution system - After implementation of the scheme

E - 10

State

Scheme Code No. :

Name of District and Census Code

Sl. No.	Name of Block and Census Code	Name of Existing HV S/Stn.	Voltage Ratio	Name of 11KV Feeder	Total Connected Load KVA	Length of 11 KV line	DTs connected		No. of Connected Villages	Total LT line length	HT/LT ratio	Average LT line per transformer (Km/T/F)	Ratio of CL to DT capacity	Max. VR of LT feeder	Total LT losses
							No.	KVA			col 6/ col 9				Lus
1	*2*	*3*	*4*	*5*	*6*	*7*	*8*	*9*	*10*	*11*	*12*	*13*	*14*	*15*	*16*
				1				10*							
								16*							
								25*							
				2				10*							
								16*							
								25*							
				3				10*							
								16*							
								25*							
				4				10*							
								16*							
								25*							
				1											
				2											
				3											
				4											
				1											
				2											
				3											

*** Please indicate actual as obtaining.**

Energy Loss Status

E - 11

State **Scheme Code No. :**

Name of District and Census Code

Sl. No.	Name of Block and Census Code	System Voltage Level	Annual Energy Loss (LU)		
			Existing System with Existing Demand	Proposed System with Anticipated Demand	Incremental Loss on implementation of scheme (4-3)
1		2	3	4	5
1		66			
		33			
		11			
		LT			
Sub-Total					
2		66			
		33			
		11			
		LT			
Sub-Total					
Grand Total					

SECTION - F

Business Plan and Financial Analysis

Business Plan - Categorywise Anticipated no. of Consumers, Connected Load, Proposed Tariff Structure and Anticipated Revenue

F - 1

State

Scheme Code No. :

Name of District and Census Code

Category * : Domestic / Commercial / Agriculture / Small Industries / Water Works / Street Light etc.

For Base Year

Energy Charges per Kwh (Rs.) :

Fixed Charges per month per consumer :
(Meter Rent, Service charges etc.)

Billing Frequency (Monthly / Bi-monthly) :

Tariff Revision Frequency (Annual / After 2 years) :

Anticipated increase in tariff on revision (%) :
(% increase over previous year)

Assumptions :

Average Connected Load (KW) :

Diversity Factor ;

Hourse of usage :

Sr.No.	Year --> Item Particulars	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
1	No. of Consumers															
2	Total Conncted Load (MW)															
3	Total Demand (MW)															
4	Total Energy Demand (Lus)															
5	Total Fixed Charges (Rs. Lakh)															
6	Total Energy Charges (Rs. Lakh)															
7	Total Revenue (Rs. Lakh)															

*** The above information is to be provided for each category of consumers separately and a abstract of all categories.**

Business Plan - Categorywise details of anticipated Revenue from other sources like registration charges, service connection charges etc.

F - 2

Scheme Code No. :

State

Name of District and Census Code

Category * : Domestic / Commercial / Agriculture / Small Industries / Water Works / Street Light etc.

For Base Year

Registration charges per Consumer (Rs.) :

Service Connection Charges per Consumer (Rs.) :

Security Deposit per Consumer (Rs.) :

Other charges, if any (Pl. Specify) :

Sr.No.	Year --> Item Particulars	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
1	No. of Consumers															
2	Total Registration Charges (Rs. Lakh)															
3	Total Connection Charges (Rs. Lakh)															
4	Total Security Deposit (Rs. Lakh)															
5	Total Revenue (Rs. Lakh)															

*** The above information is to be provided for each category of consumers separately and a abstract of all categories.**

Note : Anticipated increase in above charges over 15 years, if any, may also be cosnidered.

REC Ltd
Composite Projects

Business Plan - Cost of Bulk Power

F - 3

Scheme Code No. :

State

Name of District and Census Code

Sr.No.	Year --> Item Particulars	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
1	Total Energy Demand (Lus)															
2	T & D Loss (Lus)															
3	Total Input Energy (Lus)															
4	Bulk Supply Tariff (Rs./Kwh)															
5	Total Cost of Bulk Power (Rs.Lakh)															

Note : Anticipated increase in bulk supply tariff over 15 years, if any, may also be cosnidered.

Business Plan - Financial Analysis

Scheme Code No. : **F - 4**

		Year->	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
1	**(I) Initial Capital Investment**																
	(a) Capital Subsidy																
	(b) Loan																
	(ii) Expansion of network in future																
	(iii) Total Cumulitive investment																
2	**Interest**																
3	**Loan Installment**																
4	**Insurane**																
5	**Depreciation**																
6	**O & M Expenses**																
7	**Cost of Billing and Revenue Collection**																
8	**Total Cost of Operation(2 to 7)**																
9	**Input Power**	Lus															
10	**Cost of Operation per Unit**	Rs./Kwh															
11	**Cost of Bulk Power (Input)**																
	(a) Energy input	Lus															
	(b) Tariff	Rs./Kwh															
	(c) Total Cost																
12	**Total Cash Outflow (8+11)**																
13	**Revenue from Sale of power to consumers**																
	(a) Domestic	Nos.															
		KW															
		Lus															
		Tariff															
		Amount															
	(b) Commercial	Nos.															
		KW															
		Lus															
		Tariff															
		Amount															
	(c) Agricultural	Nos.															
		KW															
		Lus															
		Tariff															
		Amount															
	(d) Small Industries	Nos.															
		KW															
		Lus															
		Tariff															
		Amount															
	(e) Water Works	Nos.															
		KW															
		Lus															
		Tariff															
		Amount															
	(f) Street Lights	Nos.															
		KW															
		Lus															
		Tariff															
		Amount															
	(g) Total	Nos.															
		KW															
		Lus															
		ARRR															
		Amount															
14	Other Revenues																
15	Revenue Subsidy																
16	**Total Cash inflow (13+14+15)**																
17	**Net Cash Flow (16-12)**																

G

Detailed cost estimate for each of the item* covered under the project

(Ref. : Project Formats - Section 'B' and Other Attachments - G)

Name and description of item :

Ref. No. :
(Please refer Section 'B')

Sr. No.	Particulars	Unit	Unit Rate	Quantity	Amount
1	*2*	*3*	*4*	*5*	*6*
A.	**Material ****				
1					
2					
3					
……					
	Sub-Total (A)				
B.	**Installation/ Construction/ Erection and Commissioning**				
1					
2					
3					
……					
	Grand Total (A+B)				

*** Items like 11 KV line, LT line, Distribution Transformer (DTS), 33/11 KV sub-station etc.in separate sheets.**

**** Including sales tax, excise duty, freight & insurance, octroi and other levies etc.**