

General Instruction for filling up the prescribed formats

Summary data as required in EI Capacity, VHEE, EI Capacity Fund, EI-OFC-Vsat, EI-GIS and EI IT tabs may be furnished immediately however their details as required in Format and Formats Details upto 2015-16 tab may be provided later on.

No column should be left blank. If No details are available then please write "NA".

The Infrastructure required - new capacity addition/augmentation be based on the ongoing Schemes-DDUGJY, IPDS and other State schemes etc.

Status and Plan for Electrical Infrastructure in Rural and Urban areas/Towns/cities for Each Discoms/Power Deptt of State

Pl give details (Name of Power S/s, Feeders or location/areawise DTs, Feeders(including underground cables etc.)

You may insert any row at appropriate place and headings as per requirement if needed

Status and Plan for Village Electrification, Urban areas/Towns/cities and House Holds for Each Discoms/Power Deptt of State

The Fund requirement for Infrastructure required(new and augmentation capacity addition) to be based on the ongoing Schemes-DDUGJY, IPDS and other State schemes

General Instruction for submission of writeup

EI Capacity

1.0 Please state the Status of Load Flow study carried out for existing and for future expansions- for Each Discoms/Power Deptt of State

1.1 Please Note that the Electrical Infrastructure to be created/augmented is based on Future requirement, Load flow study etc, pl give a write up for Each Discoms/Power Deptt of State

1.2 The Infrastructure required - new capacity addition/augmentation be based on the ongoing Schemes-DDUGJY, IPDS and other State schemes etc.

1.4 Pl furnish a write up on issues on achieving the Plan/targets for Each Discoms/Power Deptt of State

1.5 Pl mention the Scheme/Programme of Coverages suitably. Confirmation of figure with PFA documents may be made clearly mentioned.

VHEE

1.0 please Note that the Villages inhabited and Urban/town/cities, HouseHolds are as per Census 2011, if Not, pl give a write up for Each Discoms/Power Deptt of State

1.1 please state the basis of Nos of BPL Households-whether based on SECC 2011 or others(specify) in a separate writeup for Each Discoms/Power Deptt of State

1.2 Pl furnish a write up on issues on achieving the Plan/targets for Each Discoms/Power Deptt of State

1.3 Status and Plan for Village Electrification, Urban areas/Towns/cities and House Holds for Each Discoms/Power Deptt of State

EI Fund Capacity

1.0 The Fund requirement for Infrastructure required(new and augmentation capacity addition) to be based on the ongoing Schemes-DDUGJY, IPDS and other State schemes

1.1 Please state the Status of Funds , sanctioned and released, Gaps for future expansions in line with estimation in PFA documents- for Each Discoms/Power Deptt of State

1.2 Pl furnish a write up on issues on achieving the Plan/targets for Each Discoms/Power Deptt of State

ATnC losses

1.0 Whether any study/assessment for AT&C loss for Each Discoms/Power Deptt of State is done for reduction

1.1 If Yes, Please mentioned the observations/findings, recommendations , timelines etc for Discom/Powerdeptt of State for reduction of losses

1.2 Pl furnish a writeup on measures adopted, and proposed , issues on achieving the Plan/targets for Each Discoms/Power Deptt of State

1.3 Pl mention whether target is as per MOP upto 2021-22 or upto 2018-19 or as per UDAY

1.4 Pl give details (Name of Power S/s, Feeders(including underground cables etc.), consumers : existing and covered under metering.

GPS based GIS mapping for Electrical System- Existing and Augmentation

1.0 Please state the Status of implementation of GIS for existing Electrical system for Each Discoms/Power Deptt of State

1.1 Pl furnish a write up on issues on achieving the Plan/targets on implementation of GIS for Each Discoms/Power Deptt of State

1.2 Pl give details (Name of Power S/s, Feeders or location/areawise DTs, Feeders(including underground cables etc), consumers covered under GIS mapping

1.3 The Fund required for implementation of GIS may be included in "Funds required for Electrical Infrastructure"

1.4 Pl fill the data as applicable for GIS. No column should be left blank. If No details are available then please write "NA".

IT enablement in Electrical System- Existing and Augmentation

1.0 Please state the Status of implementation of IT enablement in existing Electrical system for Each Discoms/Power Deptt of State

1.1 Pl furnish a write up on issues on achieving the Plan/targets on implementation of IT enablement for Each Discoms/Power Deptt of State

1.2 Pl give details (Name of Power S/s, Feeders or location/areawise DTs, Feeders(including underground cables etc), consumers covered under GIS mapping

1.3 The Fund required for implementation of IT enablement may be included in "Funds required for Electrical Infrastructure"

B. Electrification of Villages and Households

Name of Discom/Power Deptt, State	Sl. No.	Item/Description	Particulars as per census 2011	Electrified as on 31-03-2016		Name of Scheme/Programme	Plan upto 2021-22(grid connected)					Plan upto 2021-22(off-grid)					Remarks		
				Grid connected	off-Grid		2016-17	2017-18	2018-19	2019-20	2020-21	2021-22	2016-17	2017-18	2018-19	2019-20		2020-21	2021-22
	1	Village Electrification																	
	2	Electrification of Urban areas(Towns/cities)																	
	3	Total Households in Villages/Rural Areas																	
	4	Total Households in Urban area(towns/Cities)																	
	5	BPL Households in Villages																	
	6	BPL Households in Urban areas(Towns/Cities)																	

Note-1) Pl mention if figures match with PFA documents/DDUGJY scheme in Remark Column

2) Pl give details (Name of Village, Towns ,Rural areas, with HH numbers) for electrification

D. Funds for Electrical Infrastructure -Addition of New and Augmentation of Capacity

Name of Discom/Power Deptt, State	Sl. No.	Item/Description	Total Fund Requirement, in Rs Crs (2015-16 onwards)	Present Status 2015-16, as on 31.03.2016 (on going Projects)			Requirement of Funds, Availability, Gap in Planning upto 2021-22, in Rs Crs															Remarks
				Requirement	Availability	Excess/Shortfall	Requirement	Availability	Gap in	Requirement	Availability	Gap in	Requirement	Availability	Gap in	Requirement	Availability	Gap in	Requirement	Availability	Gap in	
							2016-17	2016-17*	2016-17	2017-18	2017-18*	2017-18	2018-19	2018-19*	2018-19	2019-20	2019-20*	2019-20	2020-21	2020-21*	2020-21	
D.1) Status of Funds for Capacity Addition:Electrical Infrastructure in Rural Areas (including under the ongoing schemes DDUGJY and others)																						
	1	Nos of Power SubStations(66/33/22),Nos																				
	2	Capacity of Power SubStations(66/33/22),MVA																				
	3	Feeders of Power SubStations(66/33/22KV), Nos																				
	4	Capacitor bank, MVar																				
	5	Capacitor bank, Nos.																				
	6	Nos of Distribution Transformers, Nos																				
	7	Capacity of Distribution Transformers(11/0.433KV),MVA																				
	8	Feeders (11KV), Nos																				
	9	Feeder segregation(Agri.) Nos.																				
	10	Length of Feeders (11KV), CKM																				
	11	Length of LT Feeders (.433KV, .215KV), CKM Single Phase																				
	12	Length of LT Feeders (.433KV, .215KV), CKM Three Phase																				
	13	HVDS Transformer(Nos.)																				
	14	HVDS Transformer(Capacity)																				
	15	HVDS(HT CKMs)																				
	16	HVDS(LT CKMs)																				
	17	Metering of Feeders-11KV																				
	18	Metering of DTs																				
	19	Metering of all Consumers																				
	20	Fund for IT/communication																				
	21	optic fibre link																				
	22	SCADA																				
	23	V-SAT																				
	24	GIS incl. mapping and indexation																				
	25	Smart meter-AMI																				

* Availability also includes funds tied-up from different sources

Name of Discom/Power Deptt, State	Item/Description	Total Fund Requirement, in Rs Crs (2015-16 onwards)	Present Status upto 2015-16, as on 31.03.2016			Requirement of Funds, Availability, Gap in Planning upto 2021-22, in Rs Crs																	Remarks
			Requirement	Availability	Gap	Requirement	Availability	Gap	Requirement	Availability	Gap	Requirement	Availability	Gap	Requirement	Availability	Gap	Requirement	Availability	Gap			
						in 2016-17	in 2016-17*	in 2016-17	in 2017-18	in 2017-18*	in 2017-18	in 2018-19	in 2018-19*	in 2018-19	in 2019-20	in 2019-20*	in 2019-20	in 2020-21	in 2020-21*	in 2020-21	in 2021-22	in 2021-22*	
D.2) Status of Funds for Capacity Addition of Electrical Infrastructure in Urban areas (Including under the ongoing schemes IPDS and Others)																							
1	Nos of Power SubStations(66/33/22),Nos																						
2	Capacity of Power SubStations(66/33/22),MVA																						
3	Feeders of Power SubStations(66/33/22KV), Nos																						
4	Capacitor bank, MVAR																						
5	Capacitor bank, Nos.																						
6	Nos of Distribution Transformers, Nos																						
7	Capacity of Distribution Transformers(11/0.433KV),MVA																						
8	Feeders (11KV), Nos																						
9	Feeder segregation(Agri.) Nos.																						
10	Length of Feeders (11KV), CKM																						
11	Length of LT Feeders (.433KV, .215KV), CKM Single Phase																						
12	Length of LT Feeders (.433KV, .215KV), CKM Three Phase																						
13	HVDS Transformer(Nos.)																						
14	HVDS Transformer(Capacity)																						
15	HVDS(HT CKMs)																						
16	HVDS(LT CKMs)																						
17	Metering of Feeders-11KV																						
18	Metering of DTs																						
19	Metering of all Consumers																						
20	Fund for IT/communication																						
21	optic fibre link																						
22	SCADA																						
23	V-SAT																						
24	GIS incl. mapping and indexation																						
25	Smart meter-AMI																						

* Availability also includes funds tied-up from different sources

F. GPS based GIS mapping for Electrical System- Existing and Augmentation

Name of Discom/Power Deptt, State	Sl. No.	Item/Description	Present status in 2015-16, as on 31.03.2016	Plan upto 2021-22					
			GIS	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22
F.1) GIS on Electrical System in Rural Areas (Including under the ongoing schemes DDUGJY and others)									
	1	Power SubStations(66/33/22/11KV),Nos							
	2	Feeders of Power SubStations(66/33/22KV), Nos							
	3	Distribution Transformers, Nos							
	4	Feeders (11KV), Nos							
	5	LT Feeders (.433KV, .215KV),Nos							
	6	Feeder wise Consumer indexing							
F.2) GIS on Electrical System in Urban areas (Including under the ongoing schemes IPDS and Others)									
	1	Power SubStations(66/33/22/11KV),Nos							
	2	Feeders of Power SubStations(66/33/22KV), Nos							
	3	Distribution Transformers, Nos							
	4	Feeders (11KV), Nos							
	5	LT Feeders (.433KV, .215KV),Nos							
	6	Feeder wise Consumer indexing							

Format : A1.1 Power SubStations (66/33/22/11),Nos

Name of Discom/Power Deptt, State	Sl. No.	Name of Power s/s incl. Location/Area/District	Incoming feeders (Nos)	Outgoing feeders (Nos)	Capacity (MVA)	Remarks
	1	Example : 66/22 kV s/s at aaa, district-bbb				
	2					
	3					
	4					

Format : A1.2 Feeders of Power SubStations (66/33/22/11KV)

Name of Discom/Power Deptt, State	Sl. No.	Line/Feeder Name	Location /Area /circle	Length (CKM)	
	1	33 kV aaa-bbb s/c feeder/UG cable			
	2				
	3				
	4				

Format : A1.3 Distribution Transformers

Name of Discom/Power Deptt, State	Sl. No.	Name incl. Location/Area/District	Incoming feeders (Nos)	Outgoing feeders (Nos)	Capacity (MVA)	
	1					
	2					
	3					

Format : A1.4 LT Feeders from Distribution S/s

Name of Discom/Power Deptt, State	Sl. No.	Line/Feeder Name	Location /Area /circle	Length (CKM)
	1	11 KV aaa-bbb s/c feeder/UG cable		
	2			
	3			
	4			

Format : A1.5 Feeders of Distribution S/s

Name of Discom/Power Deptt, State	Sl. No.	Line/Feeder Name	Location /Area /circle	Type 3/1 Ø	Length (CKM)	
	1	415V aaa-bbb s/c feeder/UG cable				
	2					
	3					
	4					
	5					

Format : A1.6 Feeder segregation for domestic(urban/rural) and agriculture

Name of Discom/Power Deptt, State	Sl. No.	Line/Feeder Name	Location /Area /circle	Number of feeders	
	1	415V aaa-bbb s/c feeder/UG cable			
	2				
	3				
	4				
	5				
	6				