

OREDA _____

Feasibility study of remote village for electrification under **SOLAR ELECTRIFICATION PROJECT**

VILLAGE SCHEDULE

(Primary)

VILLAGE _____ (C.N _____) G.P. _____

BLOCK _____ P.S. _____ DIST _____

REVENUE _____ HAMLET _____

SURVEY DATE _____

Name of the villagers participated	Designation/Occupation (Put-✓)			
	Farmer	Service	Business	Others(Specify)

Name of the Surveyor

Signature

Signature of Village Head

1. GENERAL INFORMATION

Name of the original revenue village in case of hamlet				
Name of the Nodal person				
Name of the Sarpanch/Secretary				
Total No. of Household				
Spread of habitation		Scattered <input type="checkbox"/>	Concentrated <input type="checkbox"/>	
DISTANCE FROM				
Nearest Road head	Nearest Railway Station	Block Office	Nearest Petrol Pump	Nearest Electrical Substation/11K.V. Grid

2. LAND INFORMATION

A. Land Ownership

Large Farmers (> 5 Acres)	Small Farmers (2.5 to 5 Acres)	Marginal farmer (< 2.5 Acres)	Landless

B. Total Land Details (Acres)

Geographical Area of the Village Land	Revenue Land	Cultivable Land	Grazing Land	Forest Land	Waste Land	Non-revenue Land

3. BIOMASS RESOURCE ASSESSMENT (WOOD, STALKS & NON-EDIBLE OILS)

A. Forest Resource

Type of Forest available in the vicinity of the village	Area in Acres
Reserve forest (Crown density > 40%)	
Degraded Forest (Crown density < 40%)	
Village Forest	

Forest Resources Available

Resource	Availability(Tons/Yr)	Actual Collection(Tons/Yr)	Uses -
Fuel Wood			
NTFP			
Oil seeds			
Others (Name)			

* Pl. fill in the Season wise forest produce collection format.

B. Plantation:

Other Plantations (if any)	Area (Acre)	Age of Plantation	Prominent Species	Current Utilization	
				Wood (Tons/Yr)	Oil seed (Tons/Yr)
1					
2					
3					
4					

C. Agriculture:

Type of crop	Area under cultivation (Acre)	Yield /Acre	Current Utilization (Tons/Yr)	Purpose
Stalks				
Paddy				
Wheat				
Maize (maka)				
Mustard (Sorisa)				
Ragi (Mandia)				
Cotton (Kapa)				
Arhar (Harada)				
Pulses				
Others				

4. HYDRO RESOURCE

A. Whether any Perennial stream available : Yes No

If yes, give details

Name of the Stream :

Availability of water:

Jan to Apr		May to Jun		Jul to Dec	
Yes	No	Yes	No	Yes	No

Is there any drop in the stream nearby : Yes No

Distance of stream from the village:

Distance of the drop from the village :

5. Village Infrastructure:

Infrastructure	Yes/ No	If no where these facilities are available and distance from the village
Primary school		
Panchayat office		
Community Hall		
Temple /Mosque/ Church		
Post Office		
Club		
PHC/ANM Centre		
L.I. Centre		
Ration Shop		
Bank		
Market		
Anganwadi Centre		

6. Electrical Load Demand

A. Community Loads

Points	No./H.P	Total Load (kW)
Street Lights		
Water Pumping for drinking purpose		
Pump for irrigation		
PHC		
Community Hall		
School/Hostel		
Others		

B. Commercial Loads

Type	No./H.P	Hours of Operation	Total Load (kW)
Flour Mill			
Rice Huller			
Oil Expeller			
Shops			
Others			

C. Are You interested for community based commercial load and pay for the service ? Yes No

If yes

Options	No of months of operation (month/year)	Avg hrs of operation per day	Willingness to pay	
			Initial Connection charges(Rs)	Electricity Charges (Rs/hr)
Flour mill				
Rice huller				
Oil Expeller				
Industry				
Others				

D. Domestic water

Existing water table (ft).....

Average domestic water consumption (lt/village).....

Existing domestic water facility

Source	Condition(running/damaged)	Location	Households covered
Hand pump			
Open well			
River			
Pond			
Other			

E. Irrigation Load

(1) Existing source of irrigation

Source	Area covered (Acre)	Total expenditure (Rs./Yr)
Lift irrigation point		
Open well		
Canal		
Diesel pump		
Krishak Bandhu Pump		
Others		

Are you interested for community based irrigation and pay for the service ? Yes No

(2) Load requirement for irrigation:

Crop	Area to be irrigated (Acre)	Willingness to pay (Rs/hr)

7. VILLAGE LEVEL INSTITUTIONS (YES/NO)

Name of the Institutions	No of member	Years of formation	Activities
Self Help Group			
Youth Club			
Village development Associations/ Forest Protection Community/ Joint Forest Management Committee			

8. MAIN GOVERNMENT PROGRAMMES IN THE VILLAGE

- a. SGSY Yes No
- b. SJSY Yes No
- c. Food for work Yes No
- d. PGSY Yes No
- e. SSA Yes No
- f. Others if any Yes No

9. PRESENCE OF NGO: Yes No

a) Name of the NGO

b) Activities (Watershed/ Eco-development/IG Activities/Health/Education/ Others)

10. REQUIREMENT OF THE ELECTRICAL LOADS ON PRIORITY BASIS (Please mark 1 to 5 on Priority basis)

Domestic Loads

Commercial

Community

Agricultural

Industrial

11. WILLINGNESS FOR PLANT MONITORING, LAND CONTRIBUTION ETC. Yes No

12. Village Map (Locate direction, Forest, Households, Agriculture fields, Water sources, hydro resource/ stream/ land available for plantation, Road, Government buildings, Potential site for power plant, Hills, Any Other land mark)