

Checklist A: Project Screening Checklist

Site Sensitivity	Applicability/ Applicable clause	Category	Compliance or non-compliance
Putting a new Kiosk or setting up Warehouse			
Protected Forests, Biosphere reserves	Within the protected forest area boundary	Ea (Avoid)*	
	Within Eco Sensitive Zone (declared Eco-sensitive zone by MoEFCC)	Eb	
	Up to 500 m from boundary (In absence of declared Eco-sensitive zone by MoEFCC)	Eb	
	Up to 500 m from ESZ	Ec	
	In absence of eco-sensitive zone, by default 10 km eco-sensitive zone from the boundary	Ec	
Coastal Areas - Sand Dunes, Mangroves, Salt Marshes	Within Sand Dunes, Mangroves, Salt Marshes	Ea (Avoid)	
	Up to 500 m from HTL	Ec	
Wetlands as defined by the wetland atlas of India and Wetlands of International Importance	Within wetland	Ea (Avoid)	
	Up to 500 m	Ec	
Important Bird Areas	Within	Ea (Avoid)	
	500 m	Ec	
Other Natural Habitats as defined by OP 4.04 and Critical Natural Habitats as defined by OP 4.04/ by the Bank or an authoritative source determined by the Regional environment sector unit (RESU)/ Environmental Cell	Within	Ea (Avoid)	
	Up to 500 m	Ec	
Physical Cultural Resources site as defined by OP 4.11 or as recognized by the Sustainable Development Unit (including (a) and (b) below:	Within	Eb	
	In the vicinity (distance up to 3times the height of the pole from edge of the property)	Ec	
(a) Archaeological Properties as defined by Archaeological Survey of India	Within	Eb	
	In the vicinity (distance up to 500 m from edge of property)	Ec	
	Within	Ec	

Site Sensitivity	Applicability/ Applicable clause	Category	Compliance or non-compliance
(b) National/local level pilgrimages/ mass gatherings considered as part of local culture by communities/Local Body/Sustainable Development Unit	In the vicinity (distance up to 3 times the height of the pole from edge of the property)	Ec	
Urban areas with unique urban design or features as identified by Local Body/Sustainable Development Unit	Within	Ec	
Aerodrome	Within 5 km radius of an Aerodrome	Ec	
Railways, docks and near local water channels	Within	Eb	
	Up to 500 m distance	Ec	

*Note: If the area is identified as Indigenous People habitat then EESL shall follow recommendations of the Indigenous Peoples Planning Framework prepared for this project.

CHECKLIST B

IR and IP Categorization Checklists

Program :
LOCATION:

A. SCREENING QUESTIONS FOR INVOLUNTARY RESETTLEMENT CATEGORIZATION

Probable Involuntary Resettlement Effects*	Yes	No	Not Known	Possible	Remarks
Is land acquisition likely to be necessary?					
Is the site for land acquisition known?					
Is the ownership status and current usage of the land known?					
Will the assessments be utilized within an existing Right of Way?					
Are there any non-titled people who live or earn their livelihood at the site or affected area?					
Will there be loss of housing? If yes, please specify the impact.					
Will there be loss of agricultural plots? If yes, please specify the impact					
Will there be losses of crops, trees, and fixed assets? If yes, please specify the impact					
Will there be loss of businesses or enterprises? If yes, please specify the impact					
Will there be loss of incomes and livelihoods? If yes, please specify the impact					
Will there be any impact on vulnerable households (e.g poor, female headed, disabled and etc)? If yes, please specify the impact					
Will people lose access to facilities, services, or natural resources?					
Will any social or economic activities be affected by land use-related changes?					

After reviewing the answers above, EESL/SDU confirms that the proposed subproject/component category as follows:

- Category A, Significant IR impact, a full Resettlement Plan is required.
- Category B, No significant IR impact, a Resettlement Plan is required.
- Category C, No IR impact, no report is required.

B. SCREENING QUESTIONS FOR INDEGINIOUS PEOPLES CATEGORIZATION

KEY CONCERNS (Please provide elaborations on the Remarks column)	YES	No	NOT KNOWN	Remarks
A. Indigenous Peoples Identification				
1. Are there socio-cultural groups present in or use the project area who may be considered as "tribes" (hill tribes, schedules tribes, tribal peoples), "minorities" (ethnic or national minorities), or "indigenous communities" in the project area?				
2. Are there national or local laws or policies as well as anthropological researches/studies that consider these groups present in or using the project area as belonging to "ethnic minorities", scheduled tribes, tribal peoples, national minorities, or cultural communities?				
3. Do such groups self-identify as being part of a distinct social and cultural group?				
4. Do such groups maintain collective attachments to distinct habitats or ancestral territories and/or to the natural resources in these habitats and territories?				
5. Do such groups maintain cultural, economic, social, and political institutions distinct from the dominant society and culture?				
6. Do such groups speak a distinct language or dialect?				
7. Has such groups been historically, socially and economically marginalized, disempowered, excluded, and/or discriminated against?				
8. Are such groups represented as "Indigenous Peoples" or as "ethnic minorities" or "scheduled tribes" or "tribal populations" in any formal decision-making bodies at the national or local levels?				
B. Identification of Potential Impacts				
9. Will the project directly or indirectly benefit or target Indigenous Peoples?				
10. Will the project directly or indirectly affect Indigenous Peoples' traditional socio-cultural and belief practices? (e.g. child-rearing, health, education, arts, and governance)				
11. Will the project affect the livelihood systems of Indigenous Peoples? (e.g., food production system, natural resource management, crafts and trade, employment status)				
12. Will the project be in an area (land or territory) occupied, owned, or used by Indigenous Peoples, and/or claimed as ancestral domain?				

KEY CONCERNS (Please provide elaborations on the Remarks column)	YES	No	NOT KNOWN	Remarks
C. Identification of Special Requirements <i>Will the project activities include:</i>				
13. Commercial development of the cultural resources and knowledge of Indigenous Peoples?				
14. Physical displacement from traditional or customary lands?				
15. Commercial development of natural resources (such as minerals, hydrocarbons, forests, water, hunting or fishing grounds) within customary lands under use that would impact the livelihoods or the cultural, ceremonial, spiritual uses that define the identity and community of Indigenous Peoples?				
16. Establishing legal recognition of rights to lands and territories that are traditionally owned or customarily used, occupied or claimed by indigenous peoples?				
17. Acquisition of lands that are traditionally owned or customarily used, occupied or claimed by indigenous peoples?				

After reviewing the answers above, EESL/SDU confirms that the proposed subproject/component category as follows:

- Category A, Significant IP impact, (the subproject site must be excluded)
- Category B, No significant IP impact, (the subproject site must be excluded)
- Category C, No IP impact, (the subproject site can be included in the project)

CHECKLIST C
Environmental Sensitivity Checklist-UJALA

Sr. No.	Aspect to look	Yes	No	Remark
Project Siting - Putting a new kiosk, Supply route passing through				
1	Within Reserve Forest, Protected Forests, National Parks, Wild Life Sanctuaries, Core Biosphere reserves			
2	Within Eco Sensitive Zone of Protected Forests, National Parks, Wild Life Sanctuaries, Core Biosphere reserves			
3	Within 500m from the boundary of Protected Forest, Eco Sensitive Zone			
4	In coastal areas within Mangroves, Sand Dunes Salt Marshes			
5	Within 500 m from High Tide Line, Mangroves, Sand Dunes, Salt Marshes			
6	Within Wetlands as defined by the Wetland Atlas of India and Wetlands of International Importance			
7	Within 500m from Wetlands as defined by the Wetland Atlas of India and Wetlands of International Importance			
8	Within Important Bird Areas			
9	Within 500m from Important Bird Areas			
10	Within Natural Habitats as defined by OP 4.04 and Critical Natural Habitats as defined by OP 4.04/ by the Bank or an authoritative source determined by the Regional environment sector unit (RESU)/ Environmental Cell			
11	Within 500m from Natural Habitats as defined by OP 4.04 and Critical Natural Habitats as defined by OP 4.04/ by the Bank or an authoritative source determined by the Regional environment sector unit (RESU)/ Environmental Cell			
12	Within Physical Cultural Resources site as defined by OP 4.11 or as recognized by the Sustainable Development Unit			
13	Within 500 m. from Physical Cultural Resources site as defined by OP 4.11 or as recognized by the Sustainable Development Unit			
14	Within Archaeological Properties as defined by Archaeological Survey of India			
15	Within 500 m. from Archaeological Properties as defined by Archaeological Survey of India			
16	Within National/local level pilgrimages/ mass gatherings considered as part of local culture by communities/ULB/Sustainable Development Unit			
17	Within 500 m. from National/local level pilgrimages/ mass gatherings considered as part of local culture by communities/ULB/Sustainable Development Unit			
18	Within Urban areas with unique urban design or features as identified by ULB/Sustainable Development Unit			
19	Within 1km upstream of any important water body			

Environmental Sensitivity Checklist-SLNP

Sr. No.	<i>Aspect to look</i>	<i>Yes</i>	<i>No</i>	<i>Remark</i>
Project Siting - Putting a new luminary, pole and storage area				
1	Within Reserve Forest, Protected Forests, National Parks, Wild Life Sanctuaries, Core Biosphere reserves			
2	Within Eco Sensitive Zone of Protected Forests, National Parks, Wild Life Sanctuaries, Core Biosphere reserves			
3	Within 500m from the boundary of Protected Forest, Eco Sensitive Zone			
4	In coastal areas within Mangroves, Sand Dunes Salt Marshes			
5	Within 500 m from High Tide Line, Mangroves, Sand Dunes, Salt Marshes			
6	Within Wetlands as defined by the Wetland Atlas of India and Wetlands of International Importance			
7	Within 500m from Wetlands as defined by the Wetland Atlas of India and Wetlands of International Importance			
8	Within Important Bird Areas			
9	Within 500m from Important Bird Areas			
10	Within Natural Habitats as defined by OP 4.04 and Critical Natural Habitats as defined by OP 4.04/ by the Bank or an authoritative source determined by the Regional environment sector unit (RESU)/ Environmental Cell			
11	Within 500m from Natural Habitats as defined by OP 4.04 and Critical Natural Habitats as defined by OP 4.04/ by the Bank or an authoritative source determined by the Regional environment sector unit (RESU)/ Environmental Cell			
12	Within Physical Cultural Resources site as defined by OP 4.11 or as recognized by the Sustainable Development Unit			
13	In the vicinity (distance up to 3times the height of the pole from edge of the property) from Physical Cultural Resources site as defined by OP 4.11 or as recognized by the Sustainable Development Unit			
14	Within Archaeological Properties as defined by Archaeological Survey of India			
15	Within 500m from Archaeological Properties as defined by Archaeological Survey of India			
16	Within National/local level pilgrimages/ mass gatherings considered as part of local culture by communities/ULB/Sustainable Development Unit			
17	In the vicinity (distance up to 3 times the height of the pole from edge of the property) from National/local level pilgrimages/ mass gatherings considered as part of local culture by communities/ULB/Sustainable Development Unit			

<i>Sr. No.</i>	<i>Aspect to look</i>	<i>Yes</i>	<i>No</i>	<i>Remark</i>
18	Within Urban areas with unique urban design or features as identified by ULB/Sustainable Development Unit			
19	Within 5 km from Aerodrome/ Airport			
20	Within 1 km upstream of any important water body			
Laying of cabling and erecting poles				
1	New cabling work is crossing or touching natural water course			
2	Cutting/ pruning of trees is involved			
3	Passing near Physical / Cultural Properties			

Environmental Sensitivity Checklist-Smart Meter Program

<i>Sr. No.</i>	<i>Aspect to look</i>	<i>Yes</i>	<i>No</i>	<i>Remark</i>
Project Siting - Putting a new Meter, pole and storage area				
1	Within Reserve Forest, Protected Forests, National Parks, Wild Life Sanctuaries, Core Biosphere reserves			
2	Within Eco Sensitive Zone of Protected Forests, National Parks, Wild Life Sanctuaries, Core Biosphere reserves			
3	Within 500m from the boundary of Protected Forest, Eco Sensitive Zone			
4	In coastal areas within Mangroves, Sand Dunes Salt Marshes			
5	Within 500 m from High Tide Line, Mangroves, Sand Dunes, Salt Marshes			
6	Within Wetlands as defined by the Wetland Atlas of India and Wetlands of International Importance			
7	Within 500m from Wetlands as defined by the Wetland Atlas of India and Wetlands of International Importance			
8	Within Important Bird Areas			
9	Within 500m from Important Bird Areas			
10	Within Natural Habitats as defined by OP 4.04 and Critical Natural Habitats as defined by OP 4.04/ by the Bank or an authoritative source determined by the Regional environment sector unit (RESU)/ Environmental Cell			
11	Within 500m from Natural Habitats as defined by OP 4.04 and Critical Natural Habitats as defined by OP 4.04/ by the Bank or an authoritative source determined by the Regional environment sector unit (RESU)/ Environmental Cell			
12	Within Physical Cultural Resources site as defined by OP 4.11 or as recognized by the Sustainable Development Unit			
13	In the vicinity (distance up to 3times the height of the pole from edge of the property) from Physical Cultural Resources site as defined by OP 4.11 or as recognized by the Sustainable Development Unit			
14	Within Archaeological Properties as defined by Archaeological Survey of India			
15	Within 500m from Archaeological Properties as defined by Archaeological Survey of India			
16	Within National/local level pilgrimages/ mass gatherings considered as part of local culture by communities/ULB/Sustainable Development Unit			

Sr. No.	Aspect to look	Yes	No	Remark
17	In the vicinity (distance up to 3 times the height of the pole from edge of the property) from National/local level pilgrimages/ mass gatherings considered as part of local culture by communities/ULB/Sustainable Development Unit			
18	Within Urban areas with unique urban design or features as identified by ULB/Sustainable Development Unit			
19	Within 5 km from Aerodrome/ Airport			
20	Within 1 km upstream of any important water body			
Laying of cabling and erecting poles – if any				
1	New cabling work is crossing or touching natural water course			
2	Cutting/ pruning of trees is involved			
3	Passing near Physical / Cultural Properties			

Environmental Sensitivity Checklist- Solar Program

<i>Sr. No.</i>	<i>Aspect to look</i>	<i>Yes</i>	<i>No</i>	<i>Remark</i>
Project Siting - Putting up Solar PV Panel, Assembly and storage area				
1	Within Reserve Forest, Protected Forests, National Parks, Wild Life Sanctuaries, Core Biosphere reserves			
2	Within Eco Sensitive Zone of Protected Forests, National Parks, Wild Life Sanctuaries, Core Biosphere reserves			
3	Within 500m from the boundary of Protected Forest, Eco Sensitive Zone			
4	In coastal areas within Mangroves, Sand Dunes Salt Marshes			
5	Within 500 m from High Tide Line, Mangroves, Sand Dunes, Salt Marshes			
6	Within Wetlands as defined by the Wetland Atlas of India and Wetlands of International Importance			
7	Within 500m from Wetlands as defined by the Wetland Atlas of India and Wetlands of International Importance			
8	Within Important Bird Areas			
9	Within 500m from Important Bird Areas			
10	Within Natural Habitats as defined by OP 4.04 and Critical Natural Habitats as defined by OP 4.04/ by the Bank or an authoritative source determined by the Regional environment sector unit (RESU)/ Environmental Cell			
11	Within 500m from Natural Habitats as defined by OP 4.04 and Critical Natural Habitats as defined by OP 4.04/ by the Bank or an authoritative source determined by the Regional environment sector unit (RESU)/ Environmental Cell			
12	Within Physical Cultural Resources site as defined by OP 4.11 or as recognized by the Sustainable Development Unit			
13	In the vicinity (distance up to 3times the height of the pole from edge of the property) from Physical Cultural Resources site as defined by OP 4.11 or as recognized by the Sustainable Development Unit			
14	Within Archaeological Properties as defined by Archaeological Survey of India			
15	Within 500m from Archaeological Properties as defined by Archaeological Survey of India			
16	Within National/local level pilgrimages/ mass gatherings considered as part of local culture by communities/ULB/Sustainable Development Unit			

Sr. No.	Aspect to look	Yes	No	Remark
17	In the vicinity (distance up to 3 times the height of the pole from edge of the property) from National/local level pilgrimages/ mass gatherings considered as part of local culture by communities/ULB/Sustainable Development Unit			
18	Within Urban areas with unique urban design or features as identified by ULB/Sustainable Development Unit			
19	Within 5 km from Aerodrome/ Airport			
20	Within 1 km upstream of any important water body			
Laying of cables, connections with electric poles				
1	New cabling work is crossing or touching natural water course			
2	Cutting/ pruning of trees is involved			
3	Passing near Physical / Cultural Properties			

CHECKLIST D

RAPID ENVIRONMENTAL ASSESSMENT (REA) CHECKLIST

Instructions:

- (i) The project team completes this checklist to support the environmental classification of a project. It is to be attached to the environmental categorization form and submitted to the Environment and Safeguards Division (SDES), for endorsement by Director, SDES and for approval by the Chief Compliance Officer.
- (ii) This checklist focuses on environmental issues and concerns. To ensure that social dimensions are adequately considered, refer also to ADB's (a) checklists on involuntary resettlement and Indigenous Peoples; (b) poverty reduction handbook; (c) staff guide to consultation and participation; and (d) gender checklists.
- (iii) Answer the questions assuming the "without mitigation" case. The purpose is to identify potential impacts. Use the "remarks" section to discuss any anticipated mitigation measures.

Country/Project Title:

Sector Division:

Screening Questions	Yes	No	Remarks
A. Project Siting Is the Project area adjacent to or within any of the following environmentally sensitive areas?			
▪ Cultural heritage site			
▪ Legally protected Area (core zone or buffer zone)			
▪ Wetland			
▪ Mangrove			
▪ Estuarine			
▪ Special area for protecting biodiversity			
B. Potential Environmental Impacts Will the Project cause...			
▪ encroachment of historical/cultural areas; disfiguration of landscape or potential loss/damage to physical cultural resources?			
▪ Encroachment on precious ecology (e.g. sensitive or protected areas)?			
▪ alteration of surface water hydrology of waterways resulting in increased sediment in streams affected by increased soil erosion at construction site?			
▪ deterioration of surface water quality due to silt runoff and sanitary wastes from worker-based camps and chemicals used in construction?			
▪ increased local air pollution due to project construction and operation?			

Screening Questions	Yes	No	Remarks
<ul style="list-style-type: none"> ▪ noise and vibration due to blasting and other civil works? 			
<ul style="list-style-type: none"> ▪ involuntary resettlement of people? (physical displacement and/or economic displacement) 			
<ul style="list-style-type: none"> ▪ disproportionate impacts on the poor, women and children, Indigenous Peoples or other vulnerable groups? 			
<ul style="list-style-type: none"> ▪ poor sanitation and solid waste disposal in construction camps and work sites, and possible transmission of communicable diseases (such as STI's and HIV/AIDS) from workers to local populations? 			
<ul style="list-style-type: none"> ▪ creation of temporary breeding habitats for diseases such as those transmitted by mosquitoes and rodents? 			
<ul style="list-style-type: none"> ▪ social conflicts if workers from other regions or countries are hired? 			
<ul style="list-style-type: none"> ▪ large population influx during project construction and operation that causes increased burden on social infrastructure and services (such as water supply and sanitation systems)? 			
<ul style="list-style-type: none"> ▪ risks and vulnerabilities related to occupational health and safety due to physical, chemical, biological, and radiological hazards during project construction and operation? 			
<ul style="list-style-type: none"> ▪ risks to community health and safety due to the transport, storage, and use and/or disposal of materials such as explosives, fuel and other chemicals during construction and operation? 			
<ul style="list-style-type: none"> ▪ community safety risks due to both accidental and natural causes, especially where the structural elements or components of the project are accessible to members of the affected community or where their failure could result in injury to the community throughout project construction, operation and decommissioning? 			
<ul style="list-style-type: none"> ▪ generation of solid waste and/or hazardous waste? 			
<ul style="list-style-type: none"> ▪ use of chemicals? 			
<ul style="list-style-type: none"> ▪ generation of wastewater during construction or operation? 			

CHECKLIST E

SUMMARY OF WASTE MANAGEMENT MONITORING

S. No.	Contract Name/ No.	Implementing Partner	Date	Type of Subproject	Location of subproject	Amount of LED lights/PV panels/ Old or damaged meter/ ICLs*/ End of Life Batteries (includes lead Acid Batteries)				No. of Agri Pumps Replaced**
						D	C	T	Disp	

Note:

D-Distributed/Supplied, C-Collected, T-Transported, Disp-Disposed, implementing partners could be Discoms/ULBs or Vendors/suppliers.

*ICLs bulbs not being collected/Distributed.

**Agripump Program – records shall be maintained once the program qualifies for developing EHSS Manual.

CHECKLIST F

Monitoring Format- Solar PV Sub-Project Safeguards Screening Checklist

SUB-PROJECT NAME:

LOCATION:..... , District.....

1. PROJECT DESCRIPTION

- **Total capacity:** kWp
- **Solar panels:**
 - **Number :** nos.
 - **Capacity/panel:** W & above.
 - **Control Building Area :** m²
- **No. of Batteries:** Nos.

2. PROJECT SITE

- **Total structure footprint (Approx.):** m²
- **Land type** (√Tick the appropriate one):

<i>cultivation</i>	<i>forest</i>	<i>shrubland</i>
<i>grassland</i>	<i>yard</i>	<i>degraded land</i>
- **Ownership**(√Tick the appropriate one):

<i>Private</i>	<i>government</i>	<i>community</i>
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- **Protected Area (PA) or PA buffer zone**(√Tick): YES..... NO.....
 - *If yes, name & describe (distance & location relative to site, etc)*
.....
.....
.....
.....
- **Other unique values on site or nearby**(√Tick):

Primary Forest	Unique / Aesthetically valuable landform
Cultural Heritage Site	Other

 - **If yes, name & describe (value, distance & location relative to site, etc):**
.....
.....
.....

3. BENEFITS

• **Power supply:**

- **Households:**
- **Institutions Schools/Health Posts:**
- **Businesses:**
- **Community facilities:** (e.g. agriculture):
-

4. ADVERSE IMPACTS

- **Forest clearance/approval:** m² for main structures; if required.
- **No. of trees to be cut/felled (if any):**
- **Any conservation significant species to be cleared(√Tick):** Yes..... No.....
If yes, name species & describe significance:
.....
.....

5. SELECTION / ELIGIBILITY CRITERIA

- **Subproject is located within existing substation premises?**
- **No land acquisition involved ?**
- **Categorized as Environment Category C ?**
- **No adverse environmental and social impacts anticipated?**

ANY REMARKS

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Signature of Regional EHSS Officer