

STAR-CENTRE

Licensing Application



[A solar project generation licensing application is a formal request submitted to the appropriate regulatory bodies to obtain permission for construction and operation of a solar energy generation facility. The licensing process and requirements may differ depending on the project's location and size.]

A. Applicant Information

- Legal Identity of the applicant
- Physical address, postal address and contact person's details
- Company registration number,
- Project shareholders details and relevant work experience including diagram of corporate and organizational structure

B. The License

- Desired date from which the license is to take effect, if provided
- Application fee and annual license fee

C. Proposed Solar Project Information

- Project Name
- Geographical location, project address, contact person at the project site
- Project installed capacity, technology type, expected project commissioning date
- Expected project life and expected energy conversion efficiency
- Technical summary of the project
- Risk management

D. Customer Profile

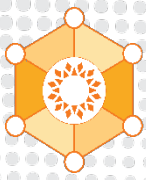
- Particulars of the person or persons to whom the applicant intends to supply electricity
- Network connection details including connection points, voltages, wheeling arrangement, single line diagram
- Summary of Power Purchase Agreement

E. Financial Information

- Net worth of the applicant and financial statements for last three years
- Financial model of the proposed solar project for the lifespan of the project
- Estimates of net cash flows for the project life
- Project financing details



F. Other Permits
<ul style="list-style-type: none">- Land agreement and land use consents- Environmental Impact assessment- Water availability and disposal- Biodiversity consents- Heritage consents- Road access- Radars and telecommunications consents- Construction permit- Grid interconnection
G. Economic Information
<ul style="list-style-type: none">- Project's economic benefits to the local communities
H. Declaration
<ul style="list-style-type: none">- Statutory declaration by the applicant along with witness signatures
I. Any Additional Documents
<ul style="list-style-type: none">- Power purchase agreement- Financial model in excel format- Detailed Project Report- Any other permits and reports



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Environmental Impact Assessment Report

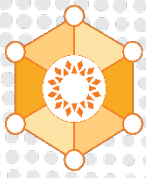


[An Environmental Impact Assessment (EIA) report assesses the possible environmental consequences of a proposed project. It encompasses a comprehensive description of the project, an examination of potential effects on air and water quality, land utilization, noise pollution, and biodiversity, along with strategies to mitigate adverse impacts and promote beneficial outcomes.]

A. Introduction
<ul style="list-style-type: none">- Project background and objective- Purpose of the EIA including approach and methodology, and report limitations
B. Project Description
<ul style="list-style-type: none">- Project present status- Project site suitability and justification for selection of project site- Project design and technology- Expected climate change effect on the solar project- Various resources required for the project including land, water, manpower, logistic arrangement, wastewater treatment and disposal- Project implementation schedule
C. Legal and Policy Framework
<ul style="list-style-type: none">- Relevant environmental laws and regulations- Compliance requirement
D. Environment Description
<ul style="list-style-type: none">- Description of the area selected for EIA study including data collection methods and sources- Baseline environmental conditions including current environmental status of topography, land use analysis, air, water, soil, biodiversity, etc.
E. Impact Assessment
<ul style="list-style-type: none">- Identification of potential environmental impacts- Significance evaluation matrix- Mitigation measures to minimize the negative impacts
F. Analysis of Alternatives
<ul style="list-style-type: none">- Current or no project scenario considering the energy security aspects- Alternate methods of power generation- Alternate project location



G. Environmental Management Plan
<ul style="list-style-type: none">- Mitigation and monitoring measures- Roles and responsibility- Documentation and records keeping- Emergency response plan
H. Consultations and Disclosure
<ul style="list-style-type: none">- Stakeholder engagement process- Summary of feedback and responses
I. Conclusion
<ul style="list-style-type: none">- Summary of key findings- Recommendations
J. Appendices
<ul style="list-style-type: none">- Supporting documents such as maps, technical reports, data tables, etc.



Safety Compliance Checklist



[A Safety Compliance Checklist serves as an essential tool for confirming that a workplace meets safety regulations and standards. The checklist usually comprises a series of items and practices that must be reviewed or validated to uphold a safe working environment.]

A. Verification of Project Planning and Design
<ul style="list-style-type: none">- Site assessment report for project development suitability- Obtain all necessary permits and approval required from the concerned authorities- Verification of project design in compliance with applicable codes and standards
B. Equipment and Material Quality assurance
<ul style="list-style-type: none">- Check for certifications, safety, performance and compliance with standards for all project equipment such as solar panels, inverters, mounting structure, electrical components, etc.
C. Field Inspection for System Installation
<ul style="list-style-type: none">- All the work force to be qualified personal i.e., trained and certified.- Verify availability and use of appropriate personal protective equipment (PPE)- Lockout/tagout procedure for electrical safety and ensure safe handling of equipment- Implementation of all fall protection procedures for working at heights- Fire safety measures- System labeling- System testing before commissioning
D. Documentation
<ul style="list-style-type: none">- Detailed records of testing and commissioning procedures- Availability of customer manual at the project control room- Electrical designs at the project site- System and contractor warranty- Manufacturer's warranty- Permits and approvals- Equipment parts and source lists- Emergency and maintenance contact information
E. Health and Safety Management
<ul style="list-style-type: none">- Provide safety training for all staff- Mechanism for incidents reporting and identification- Regular safety audits to ensure compliance with safety standards