

Utility Scale Solar Projects Implementation Steps & Statutory Approvals from Various Departments in Karnataka

1. Registration with KREDL for setting up solar power plant under IPP/captive/REC mechanism:

- a) Download the application from KREDL website (<http://kredlinfo.in/solargrid/Application%20Form%20for%20Karnataka%20of%20Solar%20Power%20Projects.pdf>)
- b) The developer has to submit the application to the KREDL with following documents. Such as:
 - i. Covering letter for the application
 - ii. Application form with information along with 2 sets of Pre Feasibility Report(PFR)
 - iii. Net worth Certificate – Certified by CA (As per the format specified Govt order <http://kredlinfo.in/GO/netgo.pdf>)
 - iv. Land documents (Sale deed or Lease document to show the availability of the land with the developer).
 - v. After the scrutiny of the documents, application along with the relevant documents will be submitted to allotment committee, Energy Dept. GoK.
 - vi. The committee will review the applications for approval.
 - vii. GO will be issued from Energy Dept. after payment of fees by the developer as per Solar Policy(Copy enclosed)
 - viii. The time line for the approval will depend on the schedule of committee meeting.

2. Land Clearances u/s 109 of the Karnataka Land Reform Act and conversion for non agricultural use

- a. After identification of the land, the developer is required to apply to the Govt. through the respective District Collector for obtaining approvals under section of 109 of Land Reforms Act to purchase Agricultural Land.
- b. The developer is required to pay the prescribed fees for conversion (from Agricultural to Non Agricultural) and then start construction of the project.

3. Approvals from local body and other clearances

Developer is required to obtain approval from local body and other statutory clearances viz forest clearance, clearance from Pollution Control Board etc. as the case may be

4. Obtaining Power Evacuation Permission and commissioning

- a. The developer is required to submit
 - i. Application to KPTCL / ESCOM (Depending on the Voltage Levels)
 - ii. Power evacuation plan
 - iii. Single Line Diagram
 - iv. Details about Conductor, Line, GSS etc.
- b. KPTCL / ESCOM will approve the Evacuation plan
- c. KPTCL / ESCOM will intimate to pay the prescribed fees towards feasibility study & inspection
- d. Bay allotment will be done by KPTCL / ESCOM as the case may be
- e. Equipment Approval - Foundation etc. will be by – KPTCL / ESCOM as the case may be
- f. SCADA Approval – by KPTCL
- g. Interconnection Approval – KPTCL
- h. TAQC Inspection – by KPTCL / ESCOM
- i. Drawing & safety Approval by Chief Electrical Inspector, GoK
- j. RT and MRT Pre Commissioning approval – RT Department, KPTCL
- k. PTCC Approval – BSNL (PTCC Cell -11 kv , 33kV – Bangalore , Double Circuit - Chennai)
- l. Project Commissioning and synchronization by – KPTCL and ESCOM

Note: except registration, the above formalities from SI. No. 2 onwards are similar for project allotted through bidding process. The developers are required to comply conditions in RFP documents in respect of each bidding process.