



**Technical and other Requirements for intending
Electric Power Generation Licensees in Kogi
State**



Technical Requirements:

➤ Generation Facilities Below or equal to 0.999MW

For embedded/off-grid or small-scale captive generation:

Technical Requirements

- Detailed feasibility study including:
 - Proposed technology (e.g., solar PV, diesel genset, mini-hydro, biomass, etc.).
 - Installed capacity (not exceeding 1 MW).
 - Single-line diagrams of the plant and interconnection (if grid-connected).
 - Proposed operational mode (standalone, captive, or embedded to distribution network).
- Technical specifications of generating units and auxiliaries.
- Expected fuel supply arrangement (if fossil-based).
- Preliminary load assessment (for captive or mini-grid).
- Health, Safety, and Environment (HSE) policy document.
- Environmental Impact Assessment (EIA) or Environmental & Social Impact Statement (simplified, depending on state/local regulations).
- Evidence of technical capability (e.g. CVs of engineers/operators or EPC contractor agreements).

➤ Generation Facilities Above 1 MW

For grid-connected, embedded, or large captive generation:

Technical Requirements

- Detailed feasibility and bankable technical study including:
 - Plant technology, installed and net capacity.
 - Heat rate (for thermal), solar resource assessment (for solar), hydrological studies (for hydro).
 - Design life and expected availability factor.

- Grid impact assessment study (load flow, short-circuit, transient stability) certified by TCN/NISO where required for grid connection.
- Detailed single-line diagrams and protection schemes.
- Proposed metering configuration (compliant with Market Rules).
- OEM certificates for generating units and auxiliaries.
- EPC contract or technology provider agreement.
- Operations & Maintenance (O&M) strategy.
- Fuel supply agreement (for thermal/biomass) or resource availability studies (for hydro/renewables).
- Environmental Impact Assessment (EIA) approved by State Ministry of Environment
- Proof of compliance with Grid Code, Distribution Code, and Metering Code.
- Environmental Impact Assessment (EIA) approved by State Ministry of Environment.
- List of qualified technical staff (power engineers, operators, safety officers).
- Organizational structure showing technical division.
- HSE management plan in line with regulator's safety code.

Key Distinction:

- *Below or 1 MW:* streamlined requirements, lighter EIA, simple single-line diagrams, no mandatory grid studies unless embedded.
- *Above 1 MW:* full regulatory compliance, detailed feasibility studies, grid impact assessments, PPAs, and stronger financial due diligence.

Other Requirements:

A. Corporate & Legal Documents

- Completed KERC Application Form.
- Certificate of Incorporation (CAC) and Memorandum & Articles of Association (or equivalent for partnerships/cooperatives).
- Registered Title Deed / Sale Agreement / Deed of Assignment / Exclusivity Agreement for project site.

- Tax Clearance Certificate (last 3 years).
- Ten-Year Business Plan (including financial projections).

B. Financial & Commercial

- Financing Agreements or Bank Letter of Support.
- Off-take agreement or arrangement (e.g., community PPA, Disco arrangement).
- Fuel supply agreement / resource availability plan (if thermal or biomass).
- Commissioning timelines (with phased capacity where applicable).

C. Partnerships & Human Resources

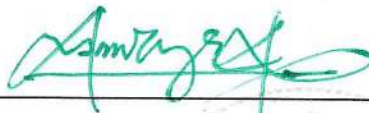
- MoU / Letter of Intent with EPC contractor (if applicable).
- MoU / Letter of Intent with technical partner (if applicable).
- Evidence of technical capability (CVs of engineers/operators).
- Organizational structure (with technical and safety staff identified).

D. Publication of Notice of Application

- Publish notice within 30 days of Commission's acknowledgement of a duly made Application.
- Publication must be at Applicant's expense, in the Commission's prescribed form and manner
- Publish in **two newspapers**:
 - One local newspaper with wide circulation in the proposed area of operation
 - One national newspaper
- Notice must clearly state the period for objections or representations to the Commission.
- Send copies of each newspaper publication to the Commission immediately.

Note: Commission will not issue a License until all objections or representations are reviewed.

SIGNED BY ORDER OF THE COMMISSION



Engr. Ibrahim S. Abdwaaris
Chairman / CEO