

ACADEMY STUDY PLANNER

Solar Licensing Study Planner

A structured six-week revision,
practice-question and mock-exam planner
for professionals preparing for Kenyan solar
licensing assessments.

Designed for: Solar technicians, engineers,
electricians, sales professionals and career
changers preparing for an applicable EPRA
assessment

KENYA EDITION • 2026



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IMPORTANT

Use the current official requirements

Not an official EPRA publication

This planner helps organise study. It does not replace the current application requirements, examination notice, syllabus, regulations or guidance issued by EPRA.

- ☐ Confirm the exact licence category or assessment you are preparing for.
- ☐ Download the latest official application and examination requirements.
- ☐ Check qualification, experience and supporting-document requirements.
- ☐ Record application, payment, assessment and renewal dates.
- ☐ Use current laws, regulations, standards and official notices.

Assessment/category: _____

Target examination or assessment date: _____

Weekly study hours available: _____

Kenya reference note: Regulatory requirements, licensing categories, tariffs and utility processes may change. Confirm current requirements through EPRA (<https://www.epra.go.ke/>), Kenya Law (<https://new.kenyalaw.org/>), Kenya Power (<https://www.kplc.co.ke/>) and KEBS (<https://www.kebs.org/>) before making a final technical or investment decision.

STUDY FRAMEWORK

Six-week preparation plan

Week	Focus	Core outputs
1	Regulatory framework and professional responsibilities	Source list, key definitions, compliance checklist
2	Electrical fundamentals and safety	Formula sheet, protection/earthing notes, 40 practice questions
3	Solar-resource and PV-system fundamentals	Array, inverter and battery concepts; 40 practice questions
4	Sizing, design and component selection	Load schedule, cable/protection logic, two design exercises
5	Installation, commissioning, O&M; and troubleshooting	Inspection checklist, fault scenarios, 40 practice questions
6	Mock exams and targeted revision	Two or three timed mocks, error log and final readiness review

WEEKLY PLAN

Convert the syllabus into scheduled work

Monday Topic: _____ Time: _____ Output: _____

Tuesday Topic: _____ Time: _____ Output: _____

Wednesday Topic: _____ Time: _____ Output: _____

Thursday Topic: _____ Time: _____ Output: _____

Friday Topic: _____ Time: _____ Output: _____

Saturday Topic: _____ Time: _____ Output: _____

Sunday Topic: _____ Time: _____ Output: _____

This week's measurable targets

- ☐ Complete _____ study modules or source sections.
- ☐ Answer _____ practice questions.
- ☐ Review every incorrect answer and document the reason.
- ☐ Complete one calculation/design exercise.
- ☐ Teach or explain one topic without notes.
- ☐ Update the formula and standards summary.

TOPIC TRACKER

Track confidence and evidence

Topic	Source used	Confidence 1-5	Questions done	Revisit date
Energy and solar regulatory framework				
Electrical safety and isolation				
DC and AC fundamentals				
Solar resource and module behaviour				
Series/parallel configuration				
Inverter selection and MPPT limits				
Battery energy, current and protection				
Load assessment and energy calculation				
Cable sizing and voltage drop				
Earthing and surge protection				
Installation quality and commissioning				
Monitoring, O&M; and troubleshooting				
Documentation, warranties and professional conduct				

PRACTICE-QUESTION LOG

Learn from wrong answers

Date	Topic	Questions	Score %	Main error	Corrective action

MOCK-EXAM REVIEW

The score is not enough

Mock	Date	Score %	Time used	Weak topics	Next action
Mock 1					
Mock 2					
Mock 3					
Mock 4					

Error categories: knowledge gap • formula error • unit conversion • misread question • rushed calculation • safety/compliance oversight • unfamiliar terminology.

FINAL READINESS

Seven days before the assessment

- ☐ Official application and assessment instructions rechecked.
- ☐ Identification, payment and required documents prepared.
- ☐ Travel, venue, time and permitted materials confirmed.
- ☐ Formula sheet can be recreated from memory.
- ☐ Weak topics have been revised using primary sources.
- ☐ At least two timed mock assessments completed.
- ☐ Every repeated error has a documented corrective rule.
- ☐ Units, conversions and calculator use have been practised.
- ☐ Sleep and study schedule has been stabilised.

Professional standard

Do not study only to pass. The purpose of licensing is safe, competent and accountable work. Build the habit of checking assumptions, documenting calculations and refusing unsafe shortcuts.

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