

BELIZE:

**ELECTRICITY (ELECTRICAL DESIGN COMPLIANCE AND
INSPECTION) REGULATIONS, 2026**

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SCHEDULE I

Fees

‘electrical design submission’ means an application containing technical drawings, load calculations, schematics, and associated documentation for the purpose of obtaining design approval from the Commission;

‘electrical installation’ includes any assembly of electrical equipment used for the generation, conversion, transmission, or utilization of electrical energy;

‘energisation’ means the act of connecting an electrical installation to a source of supply for the purpose of construction, testing or permanent operation;

‘inspection’ means the physical and or virtual examination of electrical works, carried out by a licensed inspector or authorised officer of the Commission;

‘Inspection Compliance Certificate’ means a certificate issued by the Commission confirming that electrical installation or work has been inspected, tested, and found to comply with approved design and applicable safety standards;

“Inspector” means any authorised officer of the Commission, whether contracted or employed by the Commission, designated to perform inspections under these Regulations;

‘Installation Contractor or Installer’ means a licensee, who undertakes or supervises the construction, installation, or alteration of electrical works in accordance with an approved electrical design;

‘licensee’ means a person holding a valid licence issued under the Electricity (Licensing of Electricians and Wiremen) Regulations, 2026; and

‘Temporary Installation Certificate’ means a certificate issued by the Commission authorising the energisation and temporary use of an electrical installation intended for short-term purposes, including construction activities, exhibitions, events, or similar temporary uses, subject to such conditions and duration as may be specified by the Commission.

3. (1) These Regulations apply to the submission, review, approval, inspection, and certification of electrical designs and electrical installation works.

(2) No person shall undertake or cause to be undertaken the construction, installation, alteration, or extension of any electrical works unless a Design Compliance Certificate has been issued in respect of the approved design, and no person shall energise or connect any electrical installation to a supply system unless a valid Inspection Compliance Certificate has been issued in accordance with these Regulations.

(3) These Regulations shall apply to permanent and temporary electrical installations, whether new, altered, or extended.

PART II
Electrical Design Compliance

4. (1) A Design Compliance Certificate shall be obtained from the Commission before the commencement of any installation or construction of electrical works.

(Electrical) Design
Requirement

(2) Each electrical design submission shall be prepared, signed, and certified by a Design Certifier and shall not exceed the design limits which the Design Certifier is authorized by his licence to carry on.

(3) Every electrical design shall comply with:

- (a) the version of the NFPA 70 – National Electrical Code (NEC) as may, from time to time, be adopted by notice issued by the Commission and published on its official website or in such manner as the Commission considers appropriate for bringing it to the attention of persons likely to be affected;
- (b) the most recent edition of the Belize Electricity Service Manual;
- (c) any other technical standard or guideline adopted by the Commission; and
- (d) national safety requirements and sound engineering practice.

(4) The electrical design submission package shall include:

- (a) complete electrical drawings and schematics;
- (b) load and circuit calculations;
- (c) a site plan with GPS coordinates; and
- (d) any other supporting document as may be required by the Commission for initial submission.

(5) The Commission may require such additional information, documentation, or technical justification as it considers necessary to verify compliance with the applicable codes and standards.

5. (1) An applicant shall submit to the Commission, in the manner and form prescribed by the Commission, an electrical design submission package for review and approval in accordance with these Regulations.

Application for
Electrical Design
Review

(2) Each electrical design submission shall identify a Design Certifier who, by submitting the design, confirms responsibility for the preparation, signing, and certification of the electrical design for the purposes of these Regulations.

(3) Where a design submission is returned by the Commission for correction or resubmission, the applicant may, with notice to the Commission, designate a different Design Certifier for the purposes of resubmission.

(4) Where a different Design Certifier is designated under sub-regulation (3), that Design Certifier shall assume full responsibility for the electrical design as resubmitted to the Commission for the purposes of these Regulations.

(5) An applicant may, at any time prior to the issuance of a Design Compliance Certificate, withdraw a design submission by notice to the Commission in the manner prescribed by the Commission.

(6) The withdrawal of a design submission shall not entitle the applicant to a refund of any fee paid, unless otherwise determined by the Commission.

6. (1) The Commission shall review and evaluate each design submission to determine whether it conforms with the requirements of these Regulations and with the applicable technical codes and standards.

(2) Where an electrical design submission satisfies all applicable requirements, the Commission shall issue a Design Compliance Certificate to the applicant.

(3) Where an electrical design submission is found to be incomplete or non-compliant, the Commission shall notify the applicant and the Design Certifier identified under regulation 5(2) in writing, specifying the areas requiring correction or amendment.

(4) The Commission may, in the circumstances referred to in sub-regulation (3), require the payment of an administrative fee for the processing of the returned submission.

(5) Where an electrical design is required to be corrected under this regulation, the Design Certifier identified under subregulation (2) shall be responsible for preparing the corrected design, and the applicant shall resubmit the corrected design to the Commission within the period specified by the Commission

(6) Where an electrical design submission is resubmitted under sub-regulation (5), the Commission shall review the resubmission and may:

(a) issue a Design Compliance Certificate to the applicant, where the resubmission satisfies all applicable requirements;

return the resubmission for further correction in accordance with sub-regulation (3); or

(b) terminate the processing of the design submission where the Commission is satisfied that the resubmission remains materially non-compliant.

(7) The timelines for the review and determination of electrical design submissions shall be established by Order of the Commission and may be varied from time to time.

(8) Where an electrical design submission relates to electrical works or generating installations that require a licence under the Electricity (Licensing and Consent) Regulations, 2024, as amended from time to time, the applicant shall also obtain the relevant licence in accordance with those Regulations, and the processing of such licence shall be conducted concurrently with the design approval process under these Regulations.

S.I. 39 of 2024.
S.I. 69 of 2025.

7. (1) A Design Compliance Certificate shall remain valid for thirty-six (36) months from the date of approval.

Design compliance certificate.

(2) The Certificate shall bear a unique identification reference.

(3) No construction may proceed on an expired or materially altered design without re-approval by the Commission.

(4) For the purposes of sub-regulation (3), a design shall be treated as materially altered where any change is made that affects load demand, circuit configuration, protection schemes, equipment specifications, or any other aspect of the design that may affect safety, performance, or compliance with these Regulations.

Denial of approval.

8. (1) The Commission may refuse to approve an electrical design submission where it is satisfied that:

(a) the design does not conform to the safety requirements or technical standards prescribed under these Regulations;

- (b) the Design Certifier has failed to correct identified deficiencies within the period specified by the Commission;
- (c) the submission is materially incomplete, inaccurate, or contains contradictory information; or
- (d) the design exceeds the licence limits or scope of authorisation of the Design Certifier under the Electricity (Licensing of Electrical Workers) Regulations, 2026.

(2) Where approval is refused, the Commission shall notify the applicant in writing of the reasons for such refusal.

(3) Before refusing approval under this regulation, the Commission may afford the applicant an opportunity to make written representations within such period as the Commission may specify.

PART III

Electrical Installation Works

Execution of
electrical works.

9. (1) No person shall undertake or cause to be undertaken the construction, installation, alteration, or extension of any electrical works unless such work is carried out by, or under the supervision of, an Installation Contractor.

(2) All electrical works shall be executed strictly in accordance with the approved design.

(3) The Installation Contractor shall ensure that all materials, components, and methods used in the electrical works conform to applicable codes, safety standards, and good engineering practice.

(4) Upon completion of the electrical works, the Installation Contractor shall:

- (a) ensure that the works have been executed in accordance with the approved design and applicable standards, and certify that fact to the Commission; and
- (b) provide to the applicant and the Commission such certification together with as-built documentation reflecting the final approved design, including any variations approved by the Commission during the course of the installation works, no later than the time of submitting an inspection request under Regulation 10.

(5) The Design Certifier and Installation Contractor may be the same person.

PART IV
Electrical Inspection and Certification

Request for
inspection.

10. (1) Upon completion of electrical works following an approved design, the applicant shall file an inspection request using the prescribed form.

(2) Where an inspection request is filed, the Commission shall assign an Inspector, and issue an acknowledgment notice to the applicant, the Installation Contractor, and the assigned Inspector.

(3) No inspection shall proceed pursuant to this regulation unless:

(a) the requirements of Regulation 9(4)(a) and (b) have been complied with; and

(b) where the electrical works or installation are subject to licensing under the Electricity (Licensing and Consent) Regulations, 2024, as amended or replaced, the applicant has complied with Regulation 6(8).

Conduct of
inspection.

11. (1) Inspections shall be carried out by the Inspector.

(2) The inspection shall include such examinations, tests, or verifications as the Commission considers necessary to ensure that the electrical installation:

(a) has been completed in accordance with the approved design; and

(b) is suitable for safe energisation and connection to supply or placing into service.

(3) Where an installation is found to be incomplete or non-compliant, the Commission shall notify the applicant and the Installation Contractor in writing, identifying the areas requiring correction or amendment, and the Installation Contractor shall be responsible for rectification and resubmission. The Commission may, in such circumstances, require the payment of an administrative fee for the re-inspection.

(4) Where corrective works are required under sub-regulation (3), the applicant may, by notice to the Commission, designate a different

Installation Contractor for the purposes of carrying out such corrective works.

(5) Where a different Installation Contractor is designated under sub-regulation (4), that Installation Contractor shall assume full responsibility for the rectification of the electrical works and for compliance with these Regulations for the purposes of re-inspection.

(6) No Inspection Compliance Certificate shall be issued until all defects have been rectified and verified through re-inspection.

(7) The timelines for inspection and re-inspection shall be established by Order of the Commission and may be varied from time to time

Inspection
compliance
certificate.

12. (1) Where an inspection is conducted under Regulation 11 and the Commission is satisfied that the electrical works comply with the approved design and with the applicable safety standards and requirements of these Regulations, the Commission shall issue an Inspection Compliance Certificate authorising the energization and connection to supply irrespective of the identity of the person named as the applicant.

(2) An Inspection Compliance Certificate may relate to:

- (a) the electrical installation as a whole; or
- (b) a specified part or phase of an electrical installation that is clearly identifiable and capable of safe and independent energization or placing into service,

and for the purposes of this regulation, '*placing into service*' means the bringing of electrical works, or part of an electrical installation, into operational use within an installation that is already energised, and does not include connection to a source of supply.

(3) An Inspection Compliance Certificate issued under sub-regulation (2) shall authorise energisation or placing into service only to the extent expressly stated on the certificate.

(4) Where the Commission is satisfied that the electrical works inspected are safe to be energised or placed into service, but that minor or non-critical defects remain outstanding, the Commission may issue an Inspection Compliance Certificate subject to certain conditions requiring the rectification of such defects within a period specified by the Commission.

(5) An Inspection Compliance Certificate issued under subregulation (4):

- (a) shall specify the outstanding defects and the period within which they are to be rectified;
- (b) shall authorise energisation or placing into service only to the extent stated on the certificate; and
- (c) shall not be treated as evidence of full compliance until the outstanding defects have been rectified and verified through re-inspection.

(6) Where an Inspection Compliance Certificate relates to a specified part or phase of an electrical installation under subregulation (2)(b), the certificate shall not be construed as authorising the energisation or placing into service of any other part of the installation.

(7) The Commission shall conduct a follow-up inspection upon being notified that the outstanding defects specified under subregulation (4) have been rectified, or, in any event, no later than the expiry of the period specified under that subregulation, and where the electrical works are found to be fully compliant, may issue an Inspection Compliance Certificate without conditions.

(8) Where the electrical works remain non-compliant following a follow-up inspection under subregulation (7), the Commission may withdraw, revoke, or treat as having lapsed any Inspection Compliance Certificate issued subject to conditions under subregulation (4), and the electrical works shall, from that time, be treated as not certified and not authorised to be energised or placed into service for the purposes of these Regulations.

(9) An Inspection Compliance Certificate shall remain valid for a period of six (6) months from the date of its issue, or for such longer period as the Commission may specify or subsequently allow.

13. (1) Where electrical works are intended for temporary use in connection with construction activities, exhibitions, events, or other short-term purposes, the Commission may issue a Temporary Installation Certificate authorising the energisation and use of the installation for the period specified in the certificate.

(2) A Temporary Installation Certificate shall specify the location and scope of the installation, the duration for which the installation may remain energised, and any conditions that the Commission considers necessary to ensure safety and compliance with these Regulations.

(3) Upon the expiration of the period specified in the certificate, the installation shall be disconnected from supply unless a further certificate is issued by the Commission.

Connection to
supply.

14. (1) No person shall connect, or cause to be connected, any new electrical installation to a supply system unless a valid Inspection Compliance Certificate or Temporary Installation Certificate has been issued by the Commission in accordance with these Regulations.

(2) A person who connects or causes the connection of electrical works without such certification commits an offence under these Regulations.

PART V
Fees And Payments

Fees

15. (1) Applicants shall pay such fees as prescribed by the Commission and set out in Schedule I for:

- (a) design submission and design re-submission;
- (b) inspection and re-inspection; and
- (c) modification of certificates.

(2) All payments shall be made in a manner and form prescribed by the Commission.

(3) All fees are non-refundable.

PART VI
Offences and Penalties

Offences.

16. (1) Any person acting in contravention of or failing to comply with these Regulations shall be guilty of an offence.

(2) A person commits an offence if that person:

- (a) undertakes electrical works without an approved Design Compliance Certificate;

- (b) energises, connects to supply or places into service any electrical works or installation without first obtaining a valid Inspection Compliance Certificate, or otherwise than in accordance with the scope or conditions of such certificate;
- (c) knowingly provides false or misleading information in a design submission, inspection request, or certification process under these Regulations;
- (d) modifies a critical portion of an electrical installation after obtaining an Inspection Compliance Certificate, without first obtaining a Design Compliance Certificate;
- (e) connects, or causes to be connected, an uncertified installation to a source of supply in contravention to these Regulations; or

(2) An offence under sub-regulation (1)(b), (d), or (e) shall be treated as a continuing offence for so long as the electrical works or installation remain energised or placed into service without a valid Inspection Compliance Certificate or otherwise than in accordance with these Regulations.

(3) Notwithstanding the application of penalties under Regulation 16, a conviction under this regulation may be taken into account by the Commission in the exercise of its functions under the Act and any subsidiary legislation, including decisions relating to:

- (a) the issuance, renewal, suspension, or revocation of licences or certifications; and
- (b) the consideration of future applications, approvals, or permissions under the electricity regulatory framework.

Penalties.

17. (1) A person convicted of an offence under these Regulations is liable to a fine not exceeding five thousand dollars (BZ\$5,000).

(2) In the case of a continuing offence, a daily penalty not exceeding one hundred dollars (BZ\$100) may be imposed for each day the offence continues.

PART VII

Transitional and Miscellaneous

18. (1) All design and inspection approvals granted prior to the commencement of these Regulations shall remain valid for thirty-six (36) months from the date of approval, after which the design or

Electricity

installation, as applicable, shall be required to be resubmitted for approval in accordance with these Regulations.

Revocation.

19. These Regulations supersede any prior procedures or administrative guidelines governing electrical design approvals or inspections.

Commencement

20. These Regulation shall come into force on the ___ day of _____, 2026

MADE by the Public Utilities Commission this _____ day of _____, 2026.

DEAN E. MOLINA
CHAIRPERSON
PUBLIC UTILITIES COMMISSION

APPROVED by the Minister responsible for electricity this _____ day of _____, 2026.

HON. MICHEL CHEBAT, SC
Minister of Public Utilities, Energy & Logistics
(Minister responsible for electricity)

(DEAN E. MOLINA)
CHAIRPERSON
PUBLIC UTILITIES COMMISSION

SCHEDULE I
[Regulation 15]

FEEES FOR DESIGNS UP TO 24 kVA

Type of Application or Service	Fee (BZ\$)	Remarks
Design Submission	50.00	
Design Re-Submission	100.00	Applies where returned for correction
Inspection Fee	50.00	
Re-Inspection Fee	100.00 per re-inspection	Applies for each re-inspection required
Amendment or Replacement Certificate Fee	50.00	

FEEES FOR DESIGNS ABOVE 24 kVA AND UP TO 225 kVA

Type of Application or Service	Fee (BZ\$)	Remarks
Design Submission	150.00	
Design Re-Submission	300.00	Applies where returned for correction
Expedited Inspection Request	500.00	Subject to availability
Inspection Request	150.00	
Re-Inspection	300.00 per re-inspection	Applies for each re-inspection required
Amendment or Replacement Certificate	35.00	

FEEES FOR DESIGNS ABOVE 225kVA

Type of Application or Service	Fee (BZ\$)	Remarks
Design Submission	250.00	
Design Re-Submission	500.00	Applies where returned for correction
Expedited Inspection Request	1000.00	Subject to availability
Inspection Request	250.00	
Re-Inspection	500.00 per re-inspection	Applies for each re-inspection required
Amendment or Replacement Certificate	35.00	