



# Solar Photovoltaic Contractor's Electrical Permit Application Requirement List

PL 1282 (2025-03)

The following minimum information is necessary to facilitate a thorough evaluation and timely decision on your application. To expedite the evaluation, all materials submitted must be clear, legible and precise. To achieve this level of customer service, staff has been instructed to accept only complete applications which include plans prepared to professional drafting standards.

Applications require a prescreening check prior to formal acceptance. Applications that fail to meet the prescreening standards will not be accepted and will require amendments and resubmission.

## Required items

1. System Type (choose one)
  - Micro-inverter
  - String inverter/optimizer
  - String inverter
2. System component specification sheets for:
  - Solar modules
  - Inverters
  - Racking
  - Controllers
  - Storage/backup power
  - Grounding/bonding method and conductor sizes
3.  Schematics or sketch of system layout showing components and indicating electrical circuits, ratings and total KW capacity of modules and marking complying with Rules 64-072, 64-200 and 84-030 of the Canadian Electrical Code.
4.  Rapid shut down as approved by CSA Standard C22.2 No. 330.
5.  Rodent protection provided as required by Rule 64-210(5) of the Canadian Electrical Code. If not provided for, specify that the installation has been reviewed with the property owner. Refer to Section 64 of the Alberta Electrical Standata.

System components and their installation must comply with applicable codes, standards and regulations.

**A completed copy of this checklist shall accompany each submission.**

Additional Information For grid tie-in systems:

Application for interconnection of solar photovoltaic grid tie-in systems to the ENMAX Power Corporation electric grid must be made to ENMAX Power Corporation. Application information can be found on the ENMAX website. Applications can be submitted to [getconnected@enmax.com](mailto:getconnected@enmax.com). ENMAX Power Corporation has certain restrictions within the city of Calgary, whereby generation export is not permitted for safety and reliability reasons within any of the secondary Network systems. For further details, the applicant shall contact an ENMAX Power Corporation representative at [getconnected@enmax.com](mailto:getconnected@enmax.com)

## Note:

- To align with regulatory requirements, all trade permit applications must include the owner's contact information. This ensures the owner receives important updates regarding inspections and job access codes. Applicants are responsible for obtaining and providing this information before applying.
- The required contact information must belong to the registered property owner, not just the person hiring the contractor.

HOW TO SUBMIT

Email: [electrical.inspection@calgary.ca](mailto:electrical.inspection@calgary.ca)