WORKSHEET 5 · CHAPTERS 13 AND 14

Permit and Interconnection Checklist

These lists are from Checklist 13.1, Chapter 13's chapter checklist, Checklist 14.1, and Chapter 14's chapter checklist, collected in one place so you can take them to the counter and to the utility. Check every item. Where your department or utility asks for something the book does not list, add it in the blanks.

AHJ / department: _____ **Code editions they enforce:** _____

Utility: _____ **Who I talked to, and the date:** _____

Checklist 13.1: plan set, for the counter

☐ Cover sheet: name, address, kW DC and kW AC, code editions, scope, sheet index.
☐ Site plan with property lines and equipment.
☐ Roof plan with layout, setbacks, pathways, and obstructions.
☐ Attachment detail.
☐ Structural information, and the engineer's letter if required.
☐ One-line with every conductor, breaker, and disconnect.
☐ Connection math, conductor sizing, string voltage (string builds).
☐ Rapid shutdown method, listing, and initiator location.
☐ Cut sheets, with models highlighted.
☐ Label sheet.
☐ Battery items, if the battery's in this permit.
☐ The department's own checklist, ticked off.

Your department's extra items:

☐ _____
☐ _____

Chapter 13: before you file the permit

☐ I know who my AHJ is, which code editions they enforce, and their local amendments.
☐ I know if a homeowner can pull the electrical permit here, and the limits if so.
☐ I know the rules for the roof work.
☐ Plan set requirements, or the department's checklist, in hand.
☐ I know if they want an engineer's letter.
☐ I know if they use an online solar permitting tool.
☐ Fees, review time, and inspections on my calendar.
☐ Insurance called. Answers in writing.
☐ Battery in the first plan set, or I know how a later stage will be handled.

Checklist 14.1: the utility application packet

☐ Utility rules downloaded and read.
☐ Confirmed who can submit, and a contractor lined up if required.
☐ Size cap checked against my design, on the basis the utility uses (AC, DC, or kWh).
☐ Inverter certification matches what they require.
☐ Disconnect and metering rules on my one-line.
☐ One-line, site plan, and cut sheets attached, with the same numbers on all of them.
☐ Expected yearly kWh from PVWatts.
☐ Battery listed, with the export plan, if there's one in the future.
☐ Fee paid.

Chapter 14: the utility, the agreement, and PTO

☐ I know my utility's rules, and I've written down who I talked to.

❒ I know who's allowed to submit, and I'm allowed to, or a contractor's on board.
❒ My design is under the size cap on the basis they use.
❒ The application is in, and the reference number is on my tracker.
❒ I have their inverter settings list saved for commissioning.
❒ The battery is on the application, if one's planned.
❒ I've read the agreement and called my insurance agent.
❒ I know which rate plan I'll be on.
❒ I'm not ordering gear until I have both the permit and approval to install, and I'm not turning anything on until PTO.

Call the building department before you spend a dollar. The utility has to say yes before you turn it on. Nothing exports a watt before the written Permission to Operate. Use this checklist with the book, not in place of it.