

✔ Congratulations! You passed!

Grade
received 100%

Latest Submission
Grade 100%

To pass 80% or
higher

Go to next item

1. If a readily-accessible disconnect switch cannot be placed at the location where wires enter a home, such as in an attic, how can the wires be fed to the disconnect switch in a more accessible location?

1 / 1 point

- ☐ Bare wires can be fed to the location, without any conduit.
- ☒ Using metal conduit

✔ **Correct**
Correct! There are other correct answers.

- ☒ In a metal-clad cable

✔ **Correct**
Correct! There are other correct answers.

- ☐ Using PVC conduit

2. Which color wires are acceptable for grounded conductors?

1 / 1 point

- ☐ Green
- ☐ Bare
- ☒ Gray

✔ **Correct**
Correct! There are other correct answers.

- ☒ White

✔ **Correct**
Correct! There are other correct answers.

3. Maximum system voltage must be listed on PV DC disconnects. That number can always be obtained from the solar panel's spec sheet.

1 / 1 point

- ☐ True
- ☒ False

✔ **Correct**
Correct! The maximum system voltage must be calculated.

4. A separate rapid shutdown switch is needed when using microinverters on a pure grid-tied system.

1 / 1 point

- ☐ True
- ☒ False

✔ **Correct**
Correct! In a pure grid-tied system (i.e. no battery backup), microinverters automatically shut down when they lose power from the grid.

5. In the event of a shutdown, a DC optimizer will reduce DC voltage by approximately 50%.

1 / 1 point

- ☐ True
- ☒ False.

✔ **Correct**
Correct! DC optimizers are designed to reduce voltage to near zero when a shutdown occurs.

6. Breakers do not need labels that state the system is being fed by solar.

1 / 1 point

- ☐ True
- ☒ False

✔ **Correct**
Correct! Breakers should have labels indicating that they are fed by solar power.

7. Labels are not required on junction boxes or inverters.

1 / 1 point

- ☐ True
- ☒ False

✔ **Correct**
Correct! Labels are required on junction boxes and inverters.