

✔ Congratulations! You passed!

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1. What country has installed the most PV?

1 / 1 point

- ☒ China
- ☐ USA
- ☐ Japan

✔ **Correct**
Correct! Although Germany leads in PV per capita, China has the most installed PV.

2. Batteries _____ (select all that apply)

1 / 1 point

- ☒ reduce use of Natural Gas Peaking plants.

✔ **Correct**
Correct, but there are more correct answers.

- ☒ can "shave" electrical demand peaks.

✔ **Correct**
Correct, but there are more correct answers.

- ☒ can supply a steady source of electricity.

✔ **Correct**
Correct, but there are more correct answers.

3. PV Modules use _____ (select all that apply)

1 / 1 point

- ☒ aluminum.

✔ **Correct**
Correct, but there are more correct answers.

- ☒ copper.

✔ **Correct**
Correct, but there are more correct answers.

- ☒ silicon.

✔ **Correct**
Correct, but there are more correct answers.

- ☐ lithium.

4. The net metering incentive is valued at the standard per kWh rate. (T/F)

1 / 1 point

- ☐ False
- ☒ True

✔ **Correct**
Correct! Energy producers earn credits at their standard rate, and these can be used at times when there is little or no sun.

5. What are the two least expensive forms of energy for most applications?

1 / 1 point

- ☐ Hydro Power and Geo-Thermal
- ☐ Nuclear and Coal
- ☒ Photovoltaics and Wind

✔ **Correct**
Correct! Both solar and wind power cost less per watt than other forms of power generation.

6. Between 2015 and 2020, what was the largest United States PV market segment ?

1 / 1 point

- ☒ Utility
- ☐ Residential
- ☐ Commercial
- ☐ Industrial

✔ **Correct**
Correct! Utility scale applications made up the vast majority of PV installations in the United States between 2015 and 2020.

7. About how much solar energy does the earth's land surface receive annually?

1 / 1 point

- ☐ 200 Trillion kWh
- ☒ 200,000 trillion kWh
- ☐ 200 Billion kWh

✔ **Correct**
Correct! Keep in mind that this figure is for the earth's land surface only and does not include all of the energy falling on our oceans.

8. Wind Power is very site specific. (T/F)

1 / 1 point

- ☒ True
- ☐ False

✔ **Correct**
Correct! Solar PV offers more flexibility than wind turbines in terms of location.

9. Select the response that presents the solar history events in the correct order.

0 / 1 point

A: Solar cells used widely on spacecraft

B: Solar cell developed by Bell Labs

C: Price of solar cells decreased due to mass production

D: China entered solar market

- ☐ A, B, C, D
- ☒ B, A, C, D
- ☐ B, A, D, C

✘ **Incorrect**
Incorrect.

10. Select all solar energy incentives from the list below.

1 / 1 point

- ☒ Cash rebates

✔ **Correct**
Correct, but there are more correct answers.

- ☒ Accelerated depreciation

✔ **Correct**
Correct, but there are more correct answers.

- ☒ Net metering

✔ **Correct**
Correct, but there are more correct answers.

- ☐ Government buy-back of used equipment

- ☒ Tax credits

✔ **Correct**
.Correct, but there are more correct answers.