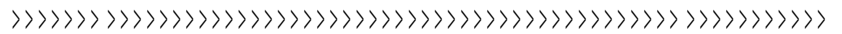




Let's join the session!



The followings are questions based on the contents of the session. Watch the session and answer each question.

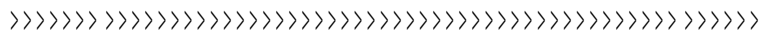
[1] Explain the difference between a fuel cell and a battery.

[2] Why can't we install solar generation systems in large cities?

[3] A transition from fossil fuel to hydrogen needs new infrastructure for energy consumption. How can we push forward such a transition which will incur additional costs? State your opinion about the transition to renewable energy.



Wrap up the session!



[1] The following is the summary passage of the session. Write down the appropriate words in the following blanks of the summary.

Solar power generation is a clean energy that does not () CO₂. When the amount of power () on sunny days () demand, it is possible to () the excess electricity as hydrogen using a water electrolyzer and a () (). We can use () as a fuel for vehicles and industry, and () fossil fuel with hydrogen. However, the energy () efficiency of solar panels is so small that it requires a () area of land to obtain sufficient electricity. Solar power generation is difficult in countries like Japan, where the country is small and the electricity () is very high. However, it is possible to () solar panels in large countries like Australia and () CO₂-free hydrogen in some forms. CO₂-free hydrogen that comes from overseas is () to make it possible for our country to be powered by renewable energy.

[2] Write down what you learned through today's session.

