**The missing link to renewable energy**

**Match the expressions:**

brine

intermittency

smelter

pace

thermal runaway

current surge

słona woda

udar prądowy, obecny wzrost

niestabilność cieplna, straty ciepła

przerywalność

tempo

huta

**Answer the questions:**

1. Where was the liquid metal battery invented?

2. What did Volta’s invention give birth to?

3. What was the first battery?

4. What are the requirements of the grid?

5. When was the process of the production of aluminium invented?

6. How does The Hall-Heroult cell differ from the Volta’s battery?

7. Where are the electrodes and the electrolyte in the liquid battery?

8. What elements are used in the liquid battery?

9. How is current produced in the battery?

10. What happens when the battery is charged?

11. How was his project financed?

12. What cells are they building now?

13. What are the daily electrical needs of 200 American households?

14. What are the qualities of the cell?

**What word is missing?**

power ­­­­­­­­­­­­­­­­\_\_\_\_\_\_\_\_ into the grid

intermittency that \_\_\_\_\_\_\_\_\_\_ wind and solar from contributing to the grid

the range of \_\_\_\_\_\_\_\_\_\_ of electromagnetic radiation

made out of \_\_\_\_\_\_\_\_-abundant elements

a modern aluminium \_\_\_\_\_\_\_\_\_\_

\_\_\_\_\_\_\_ a cost of less than 50 cents \_\_\_\_\_\_\_ pound

\_\_\_\_\_\_\_ my passion for science and service to society

\_\_\_\_\_\_\_\_\_ upon their vast experience and knowledge