

ENERGY STORAGE (2). TEST OF KNOWLEDGE

e-learning material

1. Please describe what is the batteries for energy storage?

a) Batteries are the equipment for permanent energy storage;

b) Batteries could be described as fuel cells where the fuels are stored inside the cell rather than outside it;

c) Batteries are the equipment for continues energy storage

2. What was the first controlled source of electricity?

- a) Capacitor;
- b) Power transformer;
- c) *Batteries;*

3. What kind of batteries are called secondary batteries?

- a) Batteries used only;
- b) Regenerable batteries;
- c) *Rechargeable batteries.***

4. The disadvantages of lead-acid battery systems

a) Big weight, expensive;

b) Lead-acid battery systems expensive and requires a lot of care and maintenance, have a limited life;

c) Old design, low efficiency.

5. What is purpose of the flywheels energy storage systems using?

- a) for the electricity supply to protect against failures and could supply power when the main power source lost;
- b) could be used for frequency and load schedule regulation;
- c) *all above mentioned purpose.*

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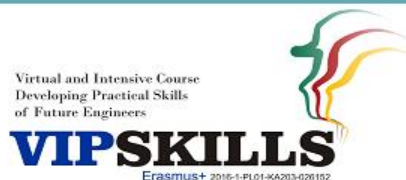
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