Climate Change: Renewable Energy and Batteries | Handout

Part 1: Source - CFR Education - How to Lower Energy-Sector Emissions up to the heading "What's Holding Us Back"

Directions: As you read, answer the questions below:

1. How do fossil fuels emit greenhouse gases?

2. Define renewable energy. What are some examples of renewable sources of energy?

3. Why is biofuel considered renewable? How is it different from fossil fuels?

Part 2: Source - CFR Education - Why Energy Storage is Essential for a Green Transition
Directions: As you read, answer the questions and fill out the chart below:

1. What problem does energy storage address?

2. How do energy storage systems address this problem?

3. Fill out the following chart comparing types of energy storage

Type of energy storage	What is it? How does it work?	Pros	Cons
Pumped hydropower			
Batteries			
Mechanical energy storage			
Thermal energy storage			