

Solutions

Each answer shows the steps, then the **result**.

2.1

- Moving air (wind)

2.2

- Any one: renewable, no CO₂, no fuel cost, land still usable

2.3

- Any one: intermittent, harms birds/bats, noise/visual impact, location-limited

3.1 B

- intermittent (depends on wind)

3.2

(a)

- Benefit: clean, renewable power / dual land use; drawback: intermittent or harms birds

(b)

- Store surplus energy (batteries) or combine with other sources/backup for calm periods

3.3

- Wind is continually renewed by the Sun-driven atmosphere and burns no fuel, so it emits no CO₂ during operation