

34 A cell of e.m.f.  $E$  delivers a charge  $Q$  to an external circuit.

Which statement is correct?

- A The energy dissipation in the external circuit is  $EQ$ .
- B The energy dissipation within the cell is  $EQ$ .
- C The external resistance is  $EQ$ .
- D The total energy dissipation in the cell and the external circuit is  $EQ$ .