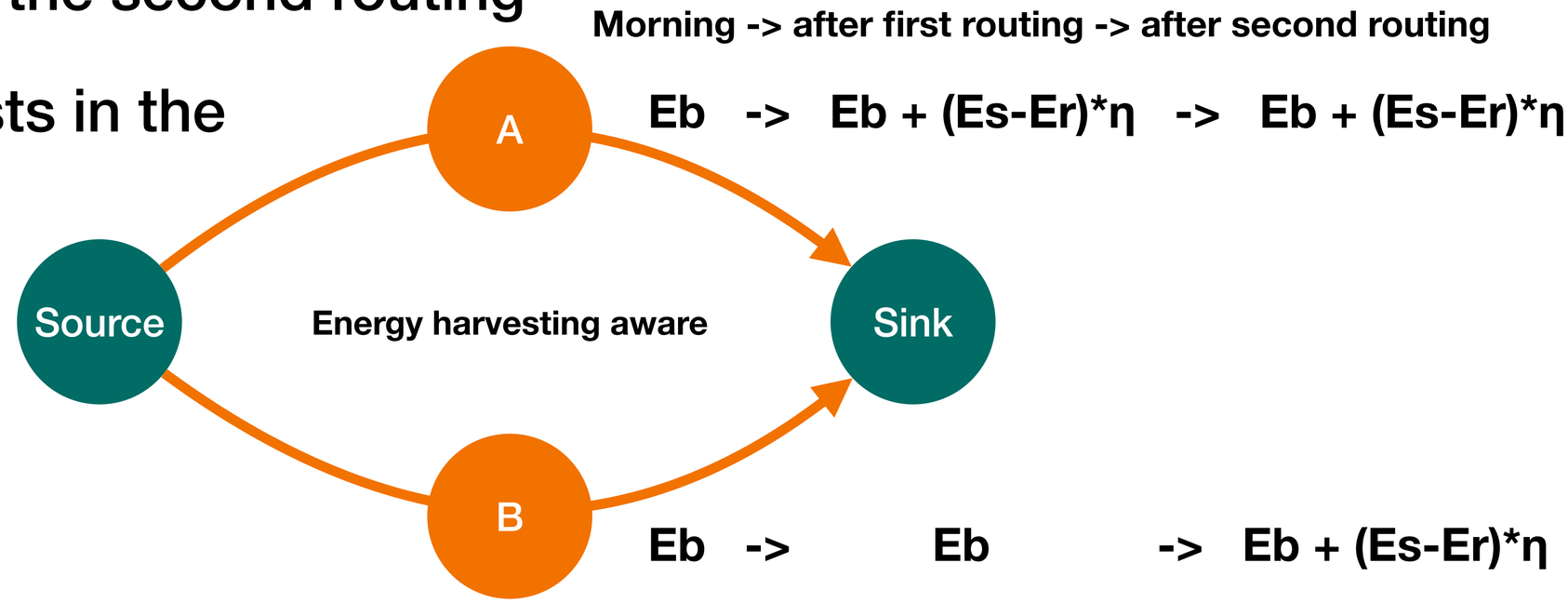
Harvesting Aware Power Management

If taking energy harvesting into consideration

- Pick A first because it knows A has abundant energy in the moring
- Then Pick B in the second routing
- Since B harvests in the
- Afternoon



* the energy for routing is supplied from the solar panel first and only the remainder is stored in the battery

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Residual battery based vs. harvesting aware

- what is finally left for both nodes?
- For traditional: Eb + Es*η - Er
- For harvesting aware: Eb + (Es-Er)*η
- △E = Eb +(Es –Er)*η – (Eb +Es*η –Er) = Er*(1 – η)
- And the energy gain will snowball after several day and night

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