

# Harvesting Aware Power Management

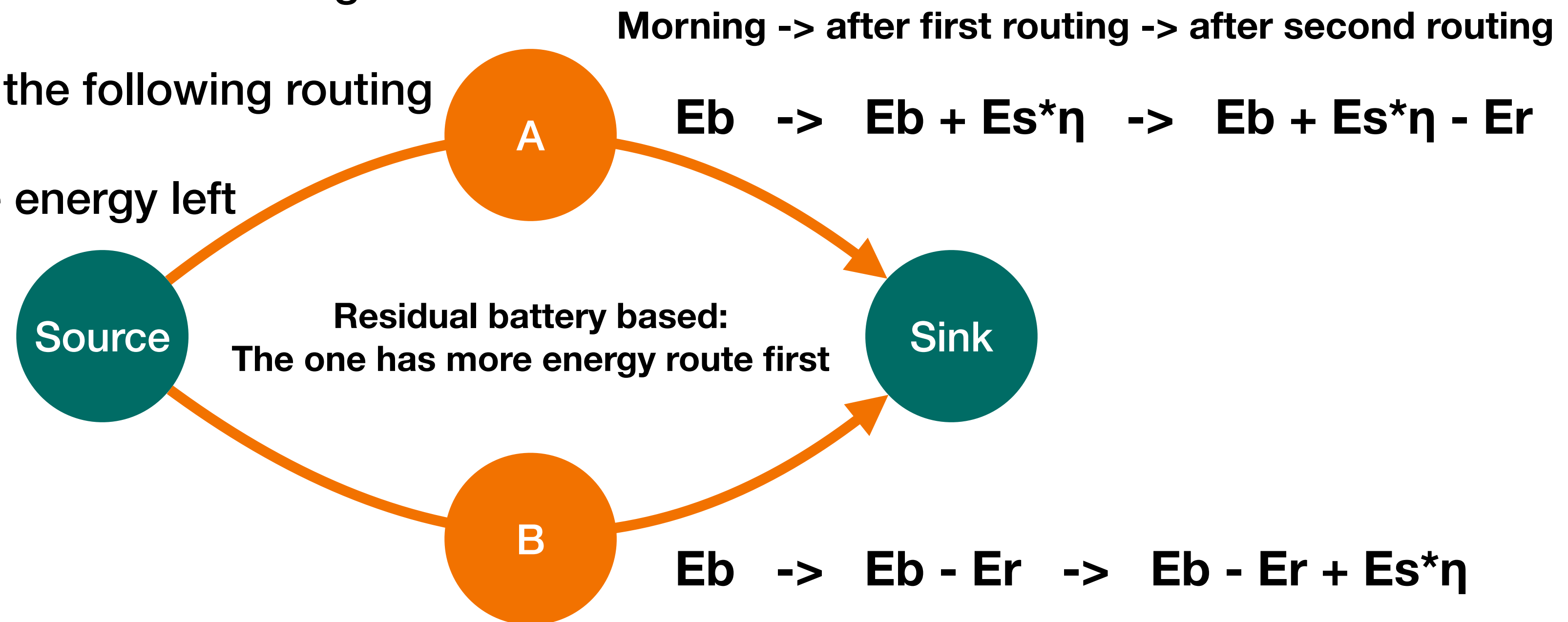
## Traditional residual battery based power management

- Pick randomly among A&B, since the same residual battery  $E_b$

- Lets say picking B for the first routing

- Then it will pick A in the following routing

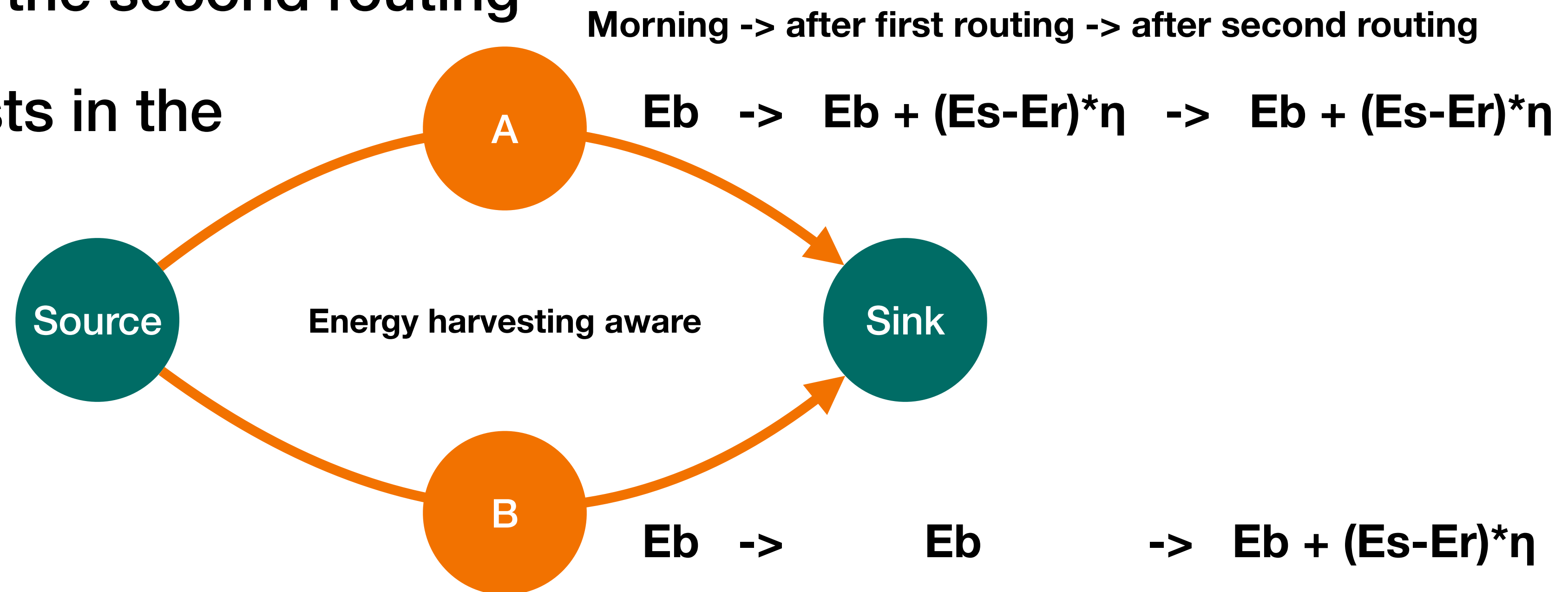
- because A has more energy left



# Harvesting Aware Power Management

If taking **energy harvesting** into consideration

- Pick A first because it knows A has abundant energy in the morning
- 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