(a) Single-device strategy: extra rollback and consistency problem.
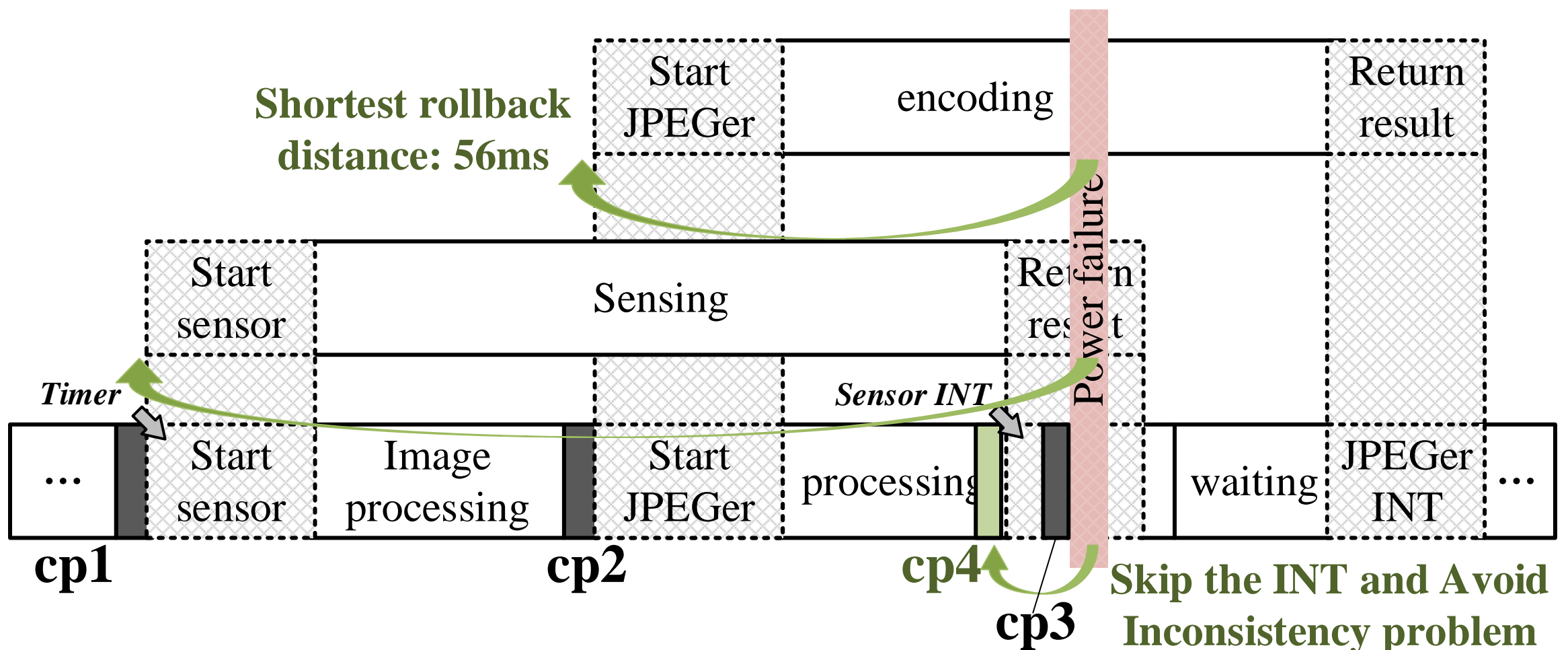
(b) Ideal Multi-device recover: distributed & reliable checkpoints.