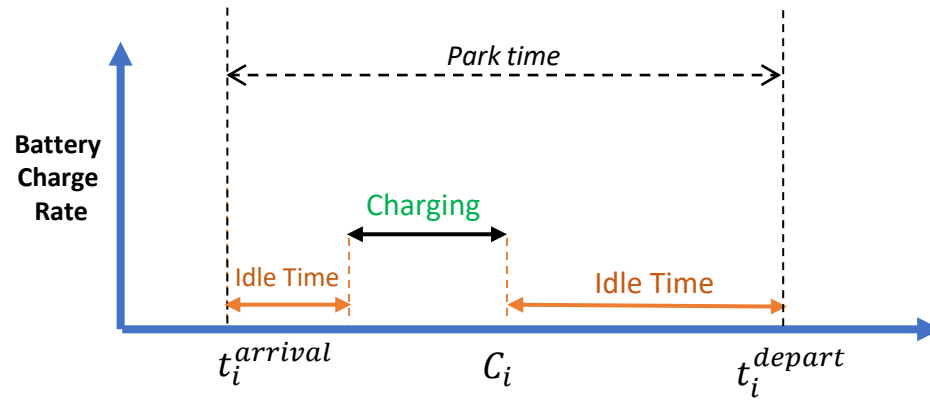
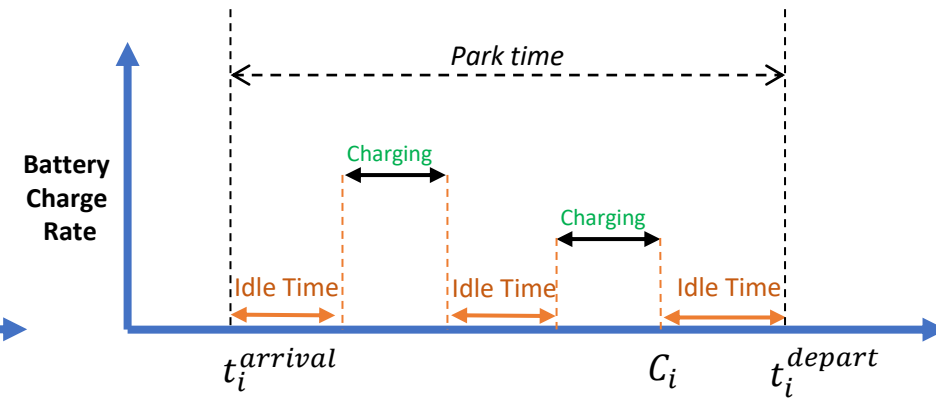


Figures for EV Scheduling with Delay

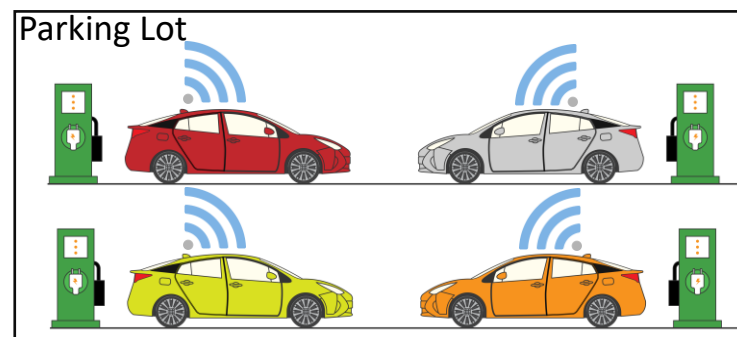
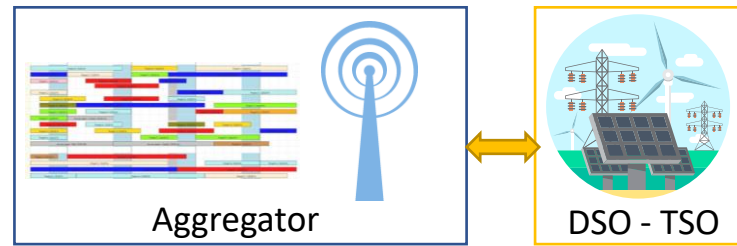
Coordinated vs Un-Coordinate Charging

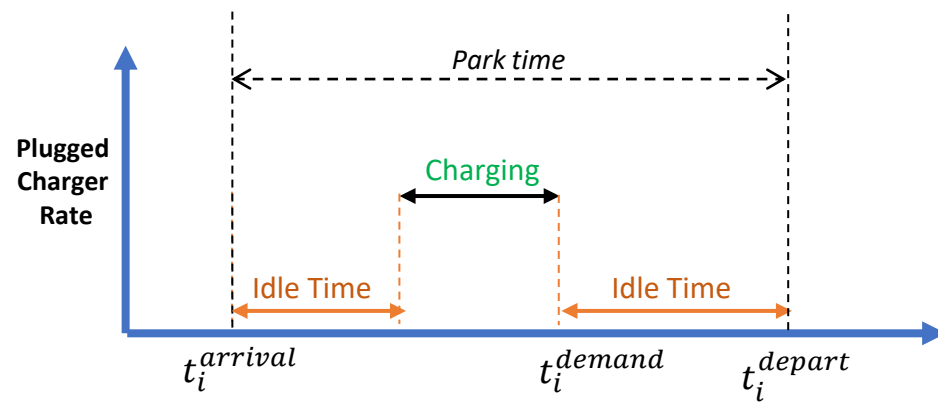


(a) Smart Scheduling

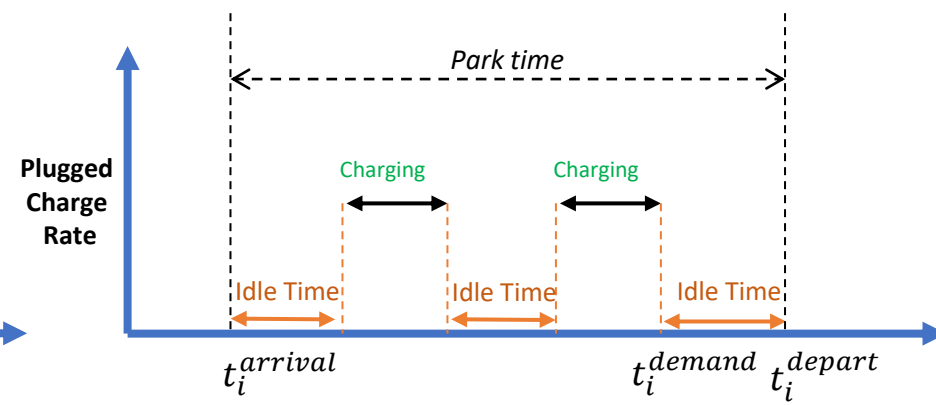


(b) Smart Charging

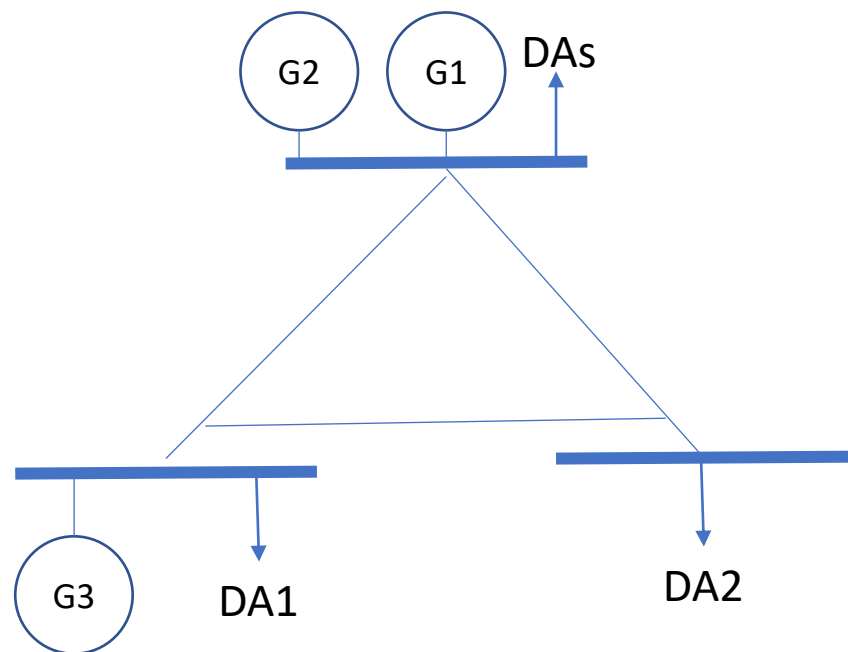


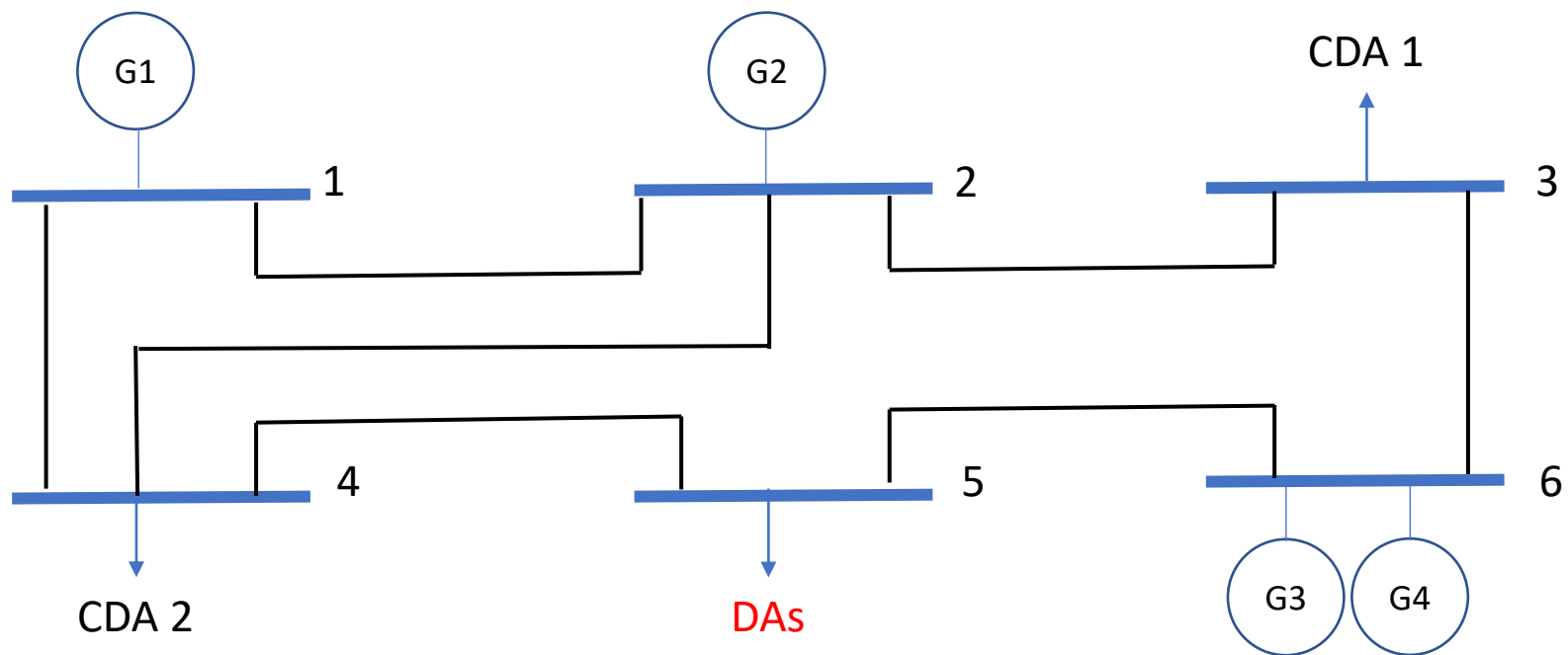


(a) non-preemptive charging



(b) preemptive charging





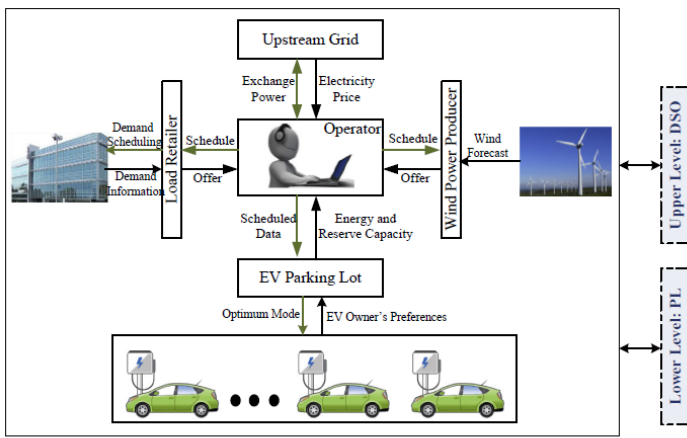


Fig. 2. Interactions of the components in the proposed model.

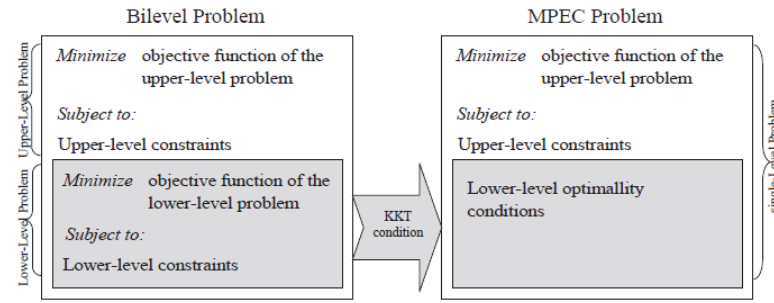


Fig. 1. Bilevel and MPEC model.

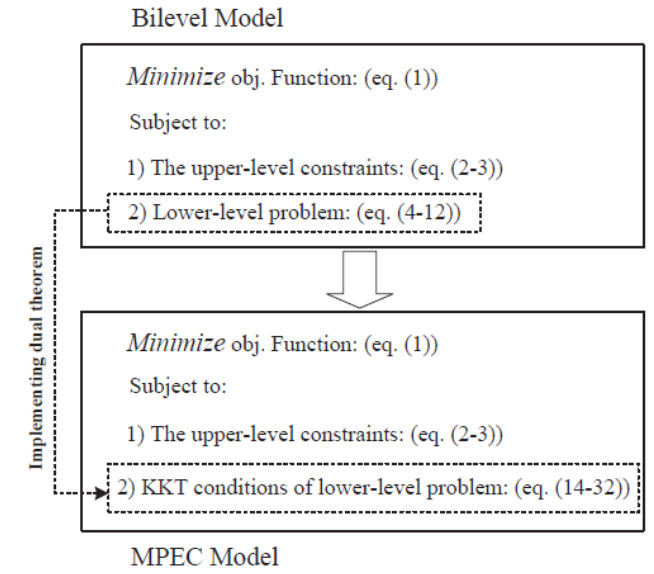


Fig. 4. Transformation of the bilevel model into its corresponding MPEC.

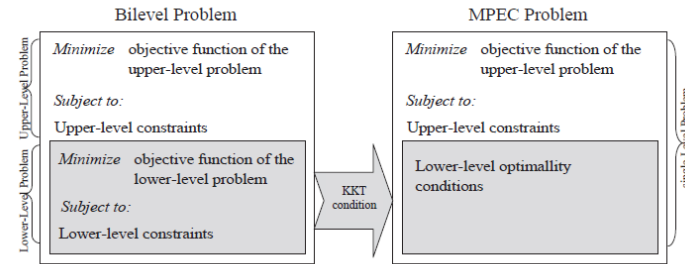


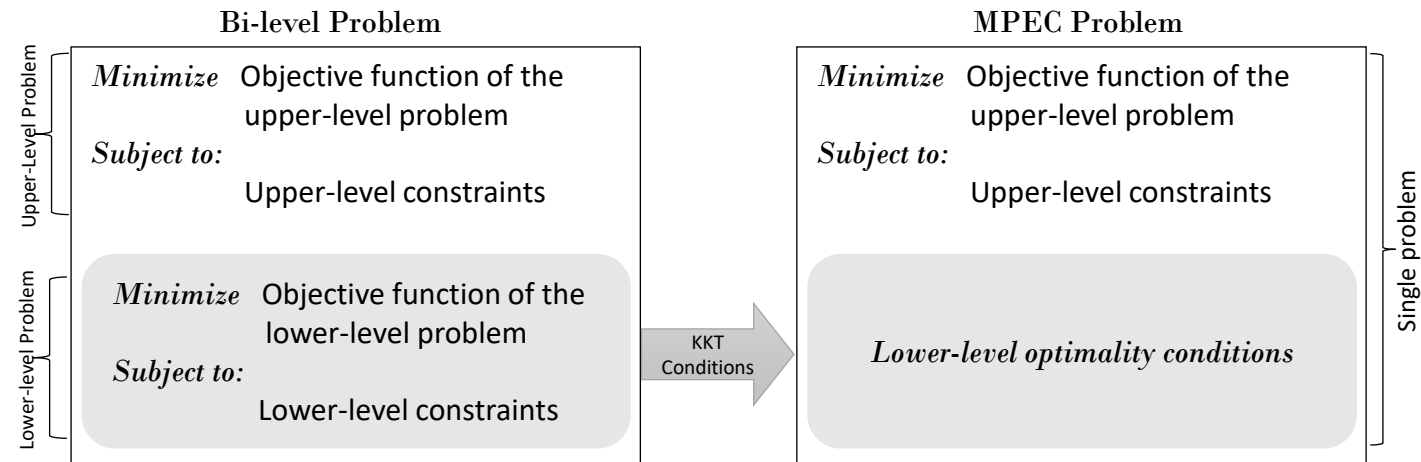
Fig. 1. Bilevel and MPEC model.

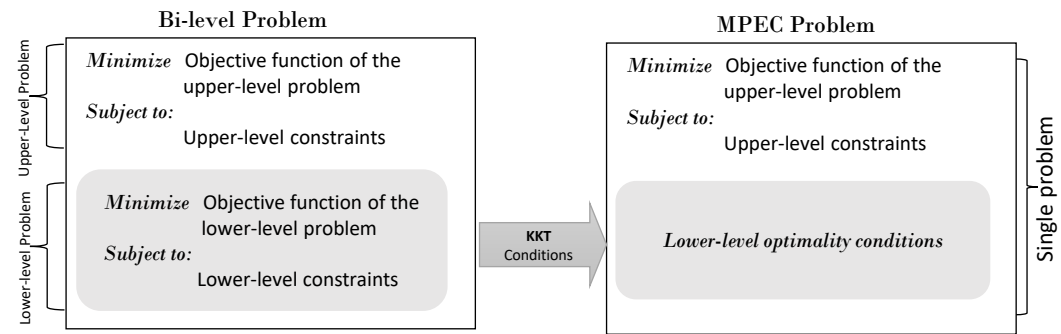
Minimize Objective function of the upper-level problem

Subject to: Upper-level constraints

Minimize Objective function of the lower-level problem

Subject to: Lower-level constraints





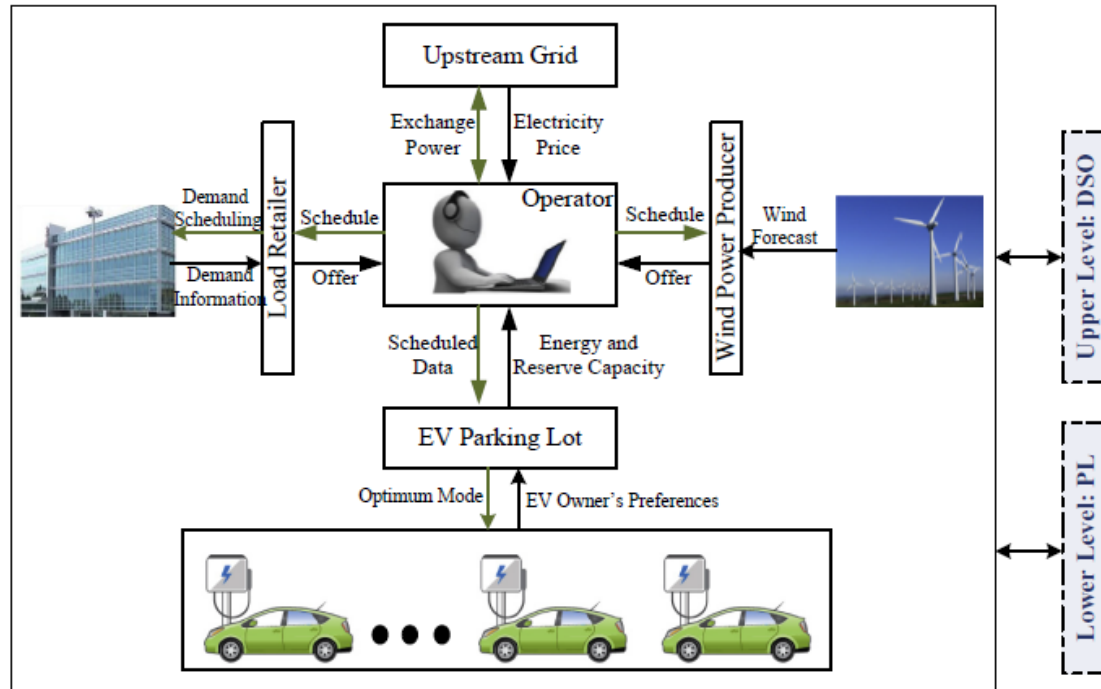
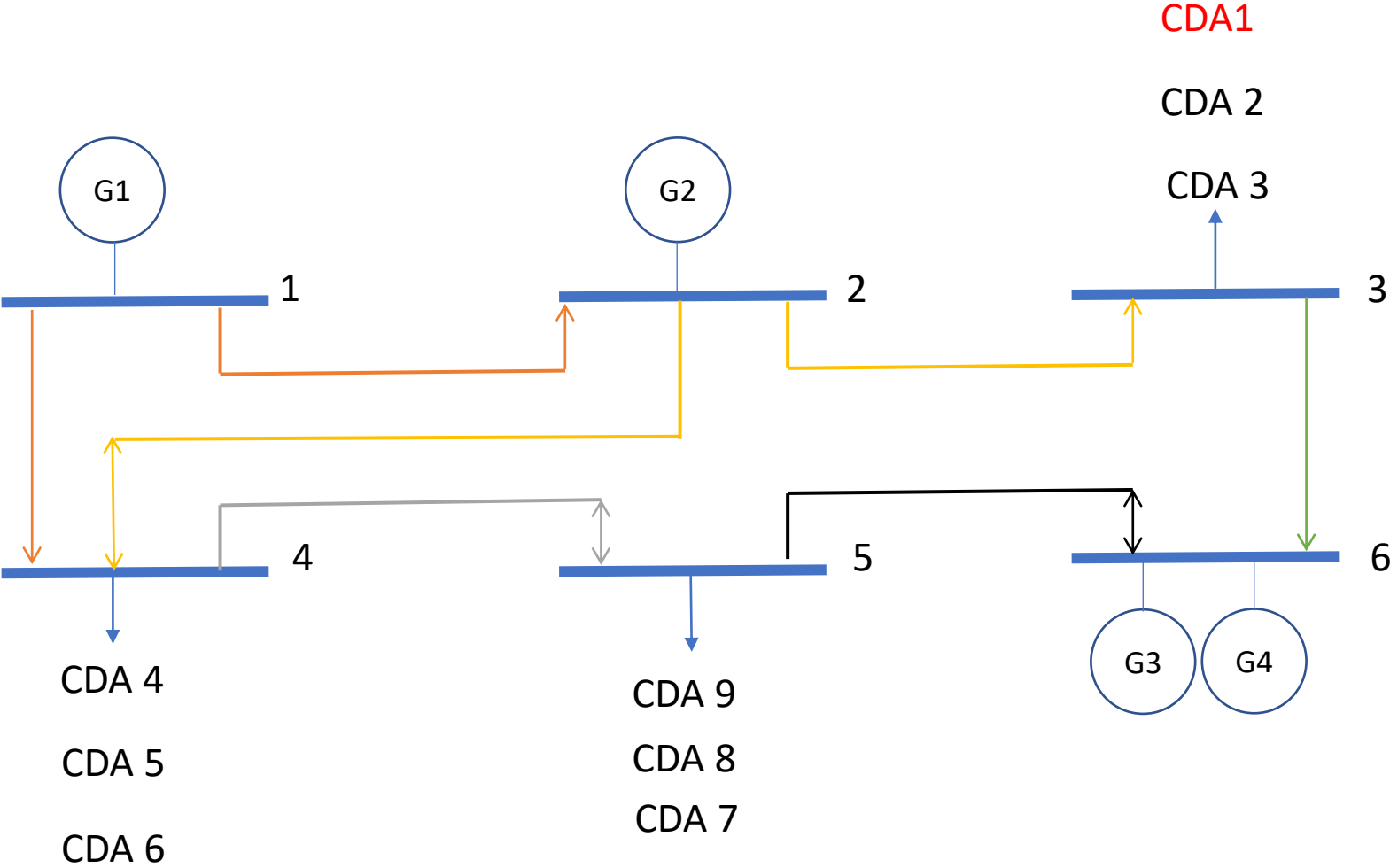
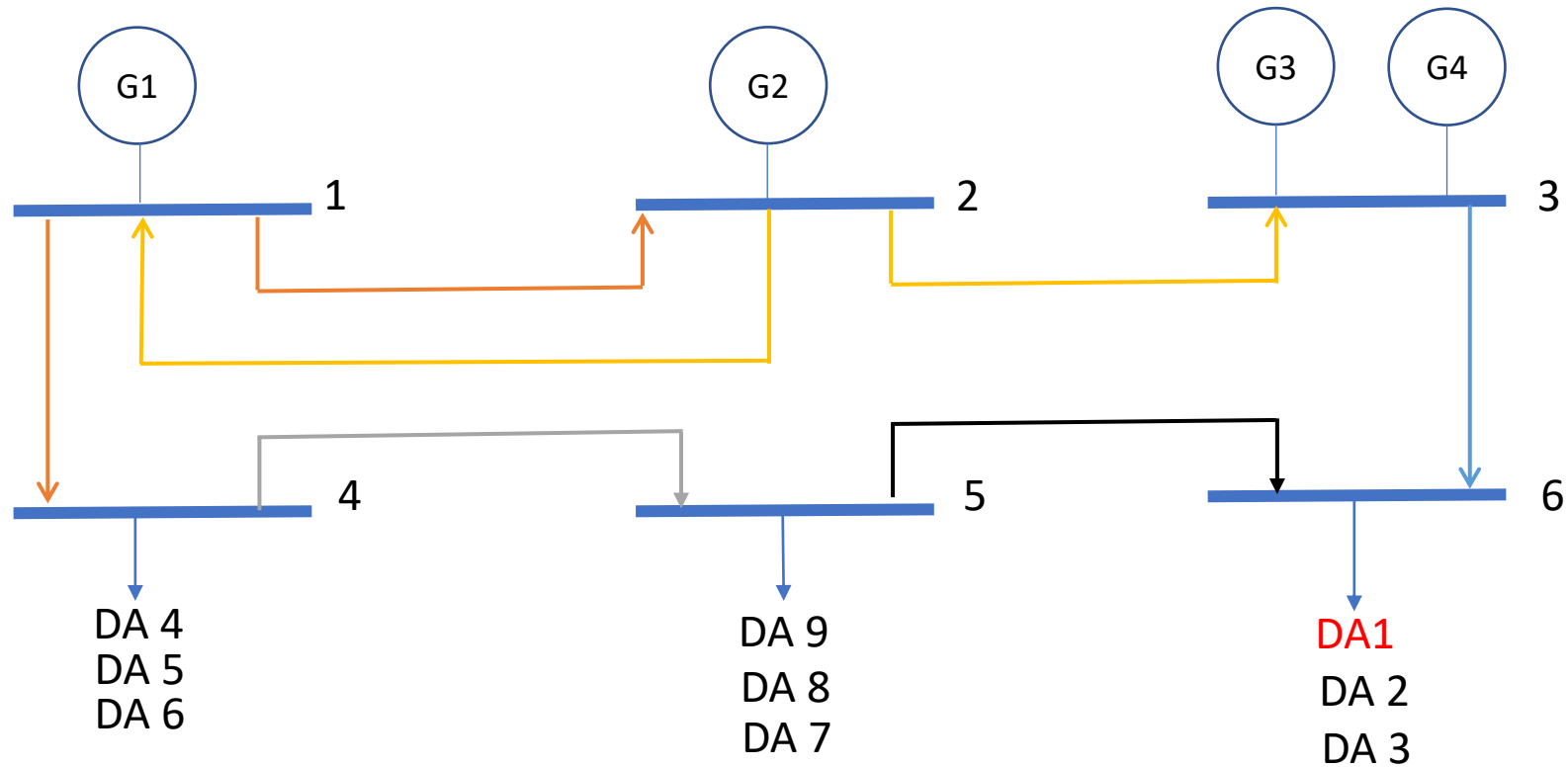


Fig. 2. Interactions of the components in the proposed model.

6 BUS IEEE System



6 BUS IEEE System



IEEE Reliability Test System 24BUS

