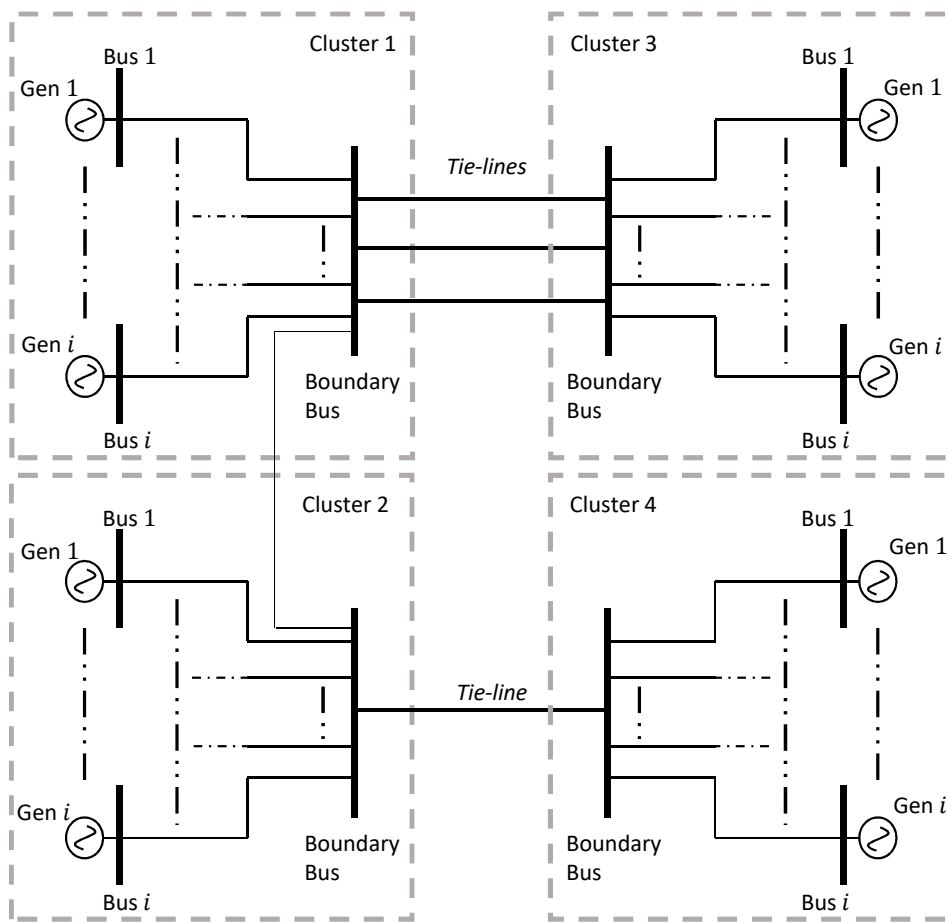
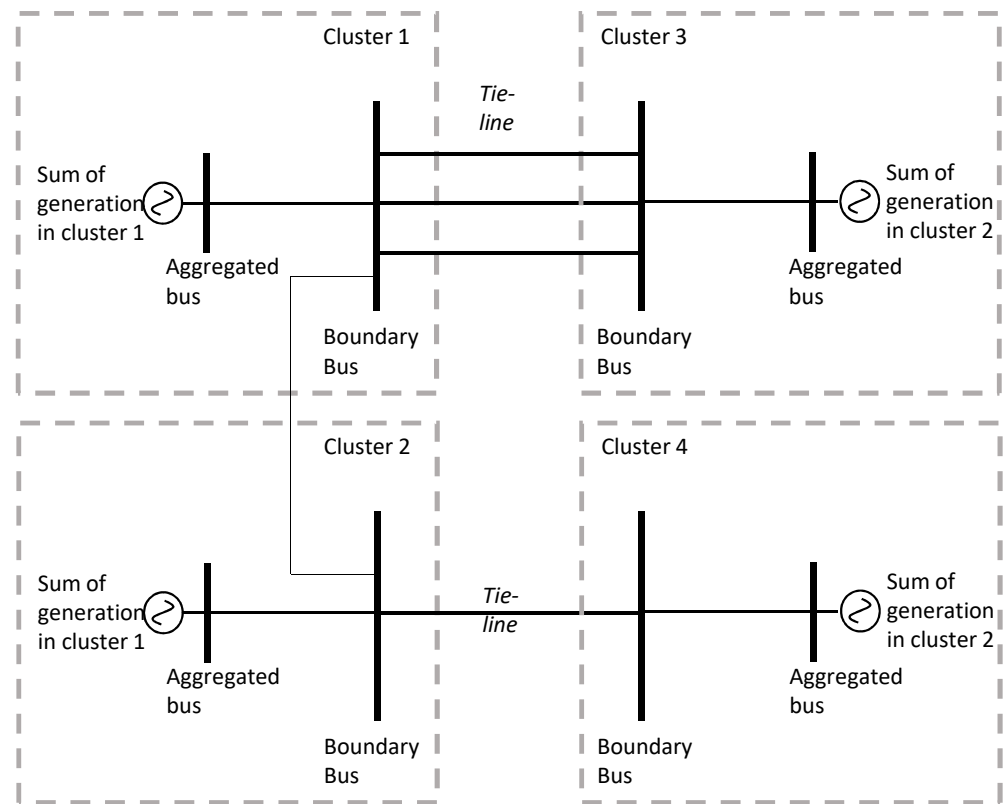




(a) Identified clusters with the network divided in two parts separated by tie-lines.



(b) Equivalent network.