

# Chapter:3

## (Busbar Arrangement)

Presented By

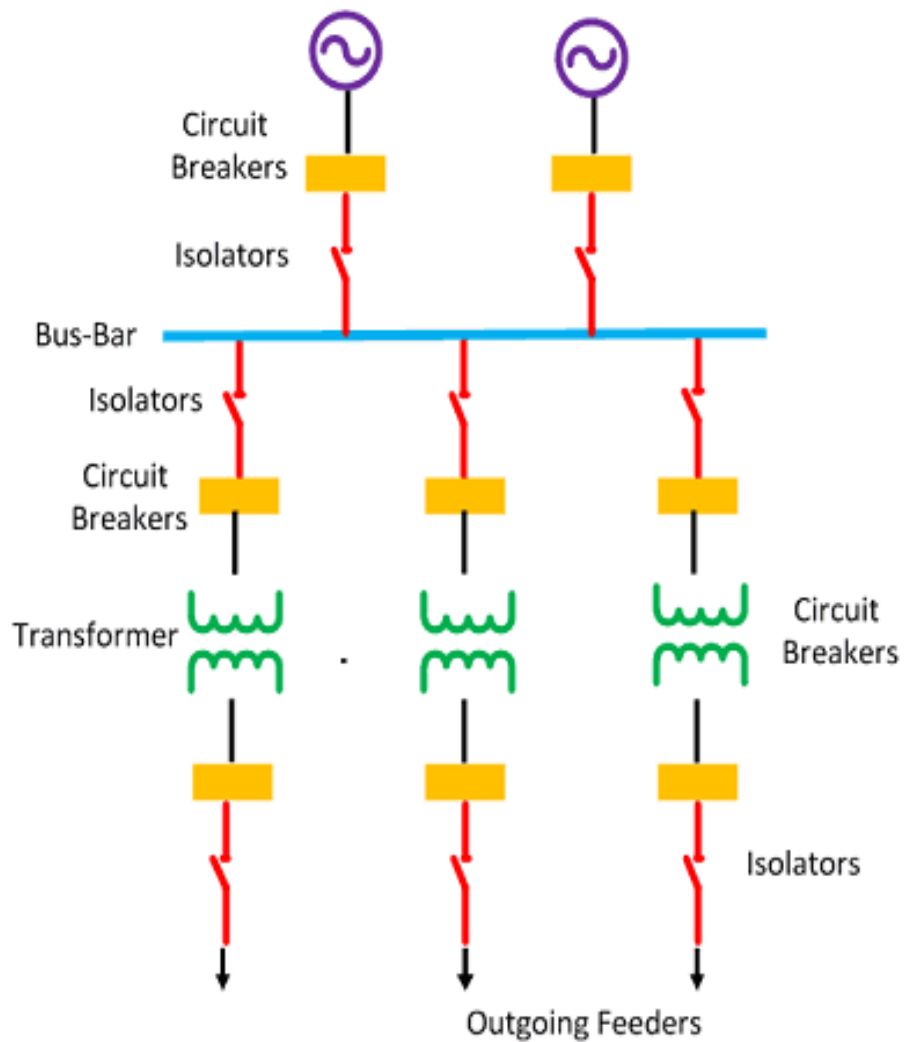
Hasan Murad Munna

# Introduction:

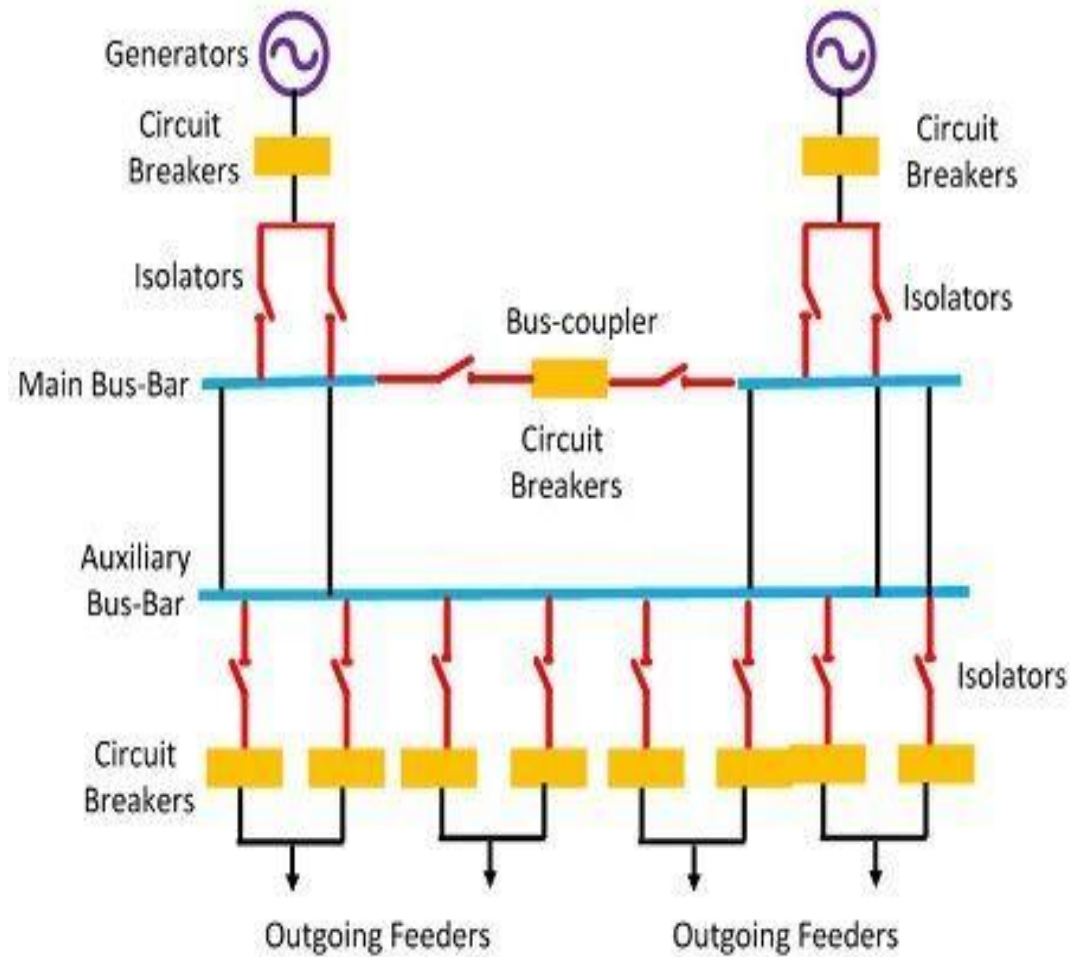
- In other words, it is a type of electrical junction in which all the incoming and outgoing electrical current meets. Thus, the electrical bus bar collects the electric power at one location. The bus bar system consists the isolator and the circuit breaker

## Types of Electrical Bus bar System:

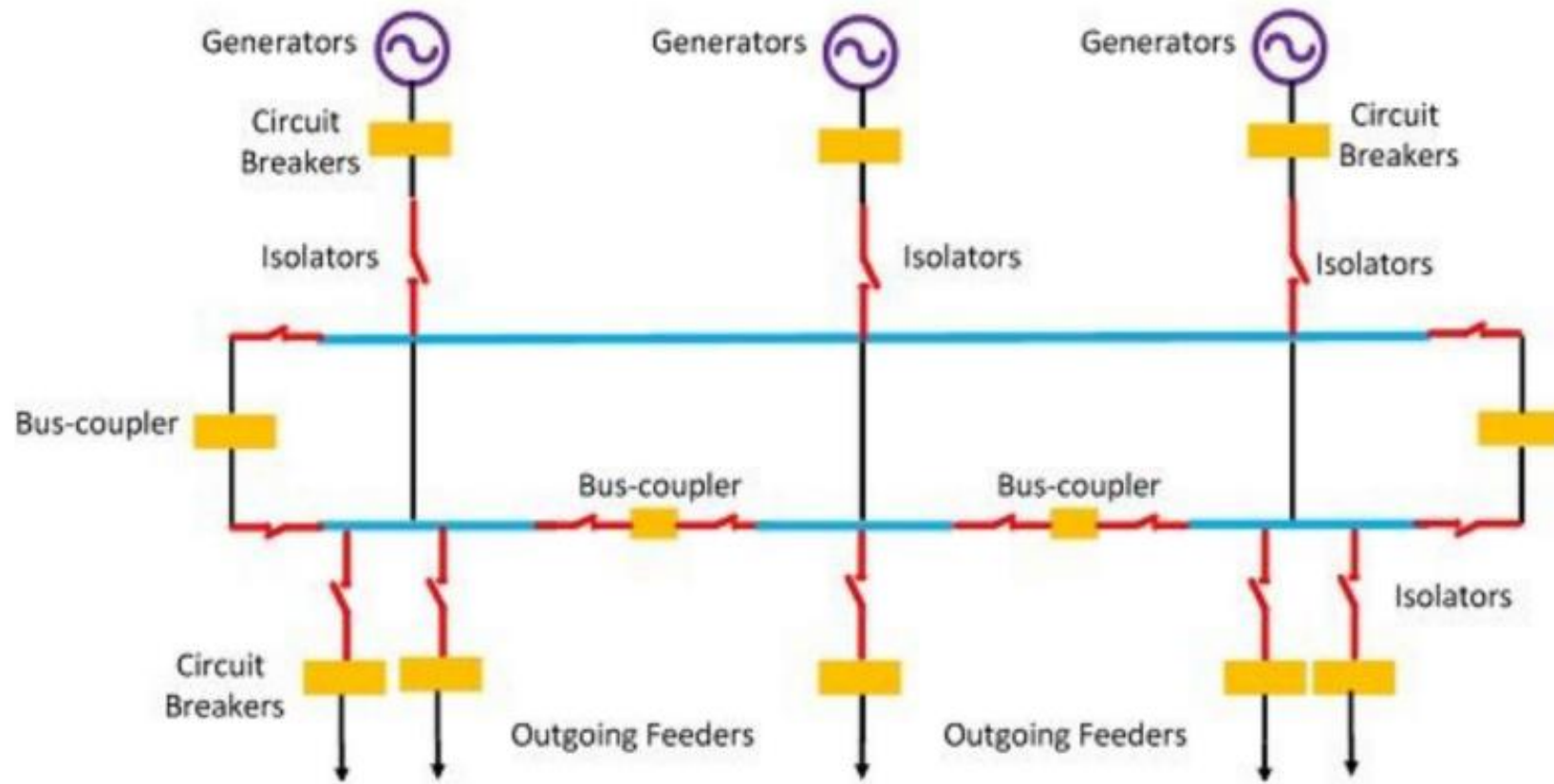
- 1) Single Bus-Bar Arrangement. ...
- 2) Single Bus Bar Arrangement with Bus Sectionalizing. ...
- 3) Main and Transfer Bus Arrangement. ...
- 4) Double Bus Double Breaker Arrangement. ...
- 5) Sectionalized Double Bus Arrangement. ...
- 6) One-and-a-Half Breaker Arrangement. ...
- 7) Ring Main Arrangement. ...
- 8) Mesh Arrangement.



**Single Bus-Bar Arrangement**



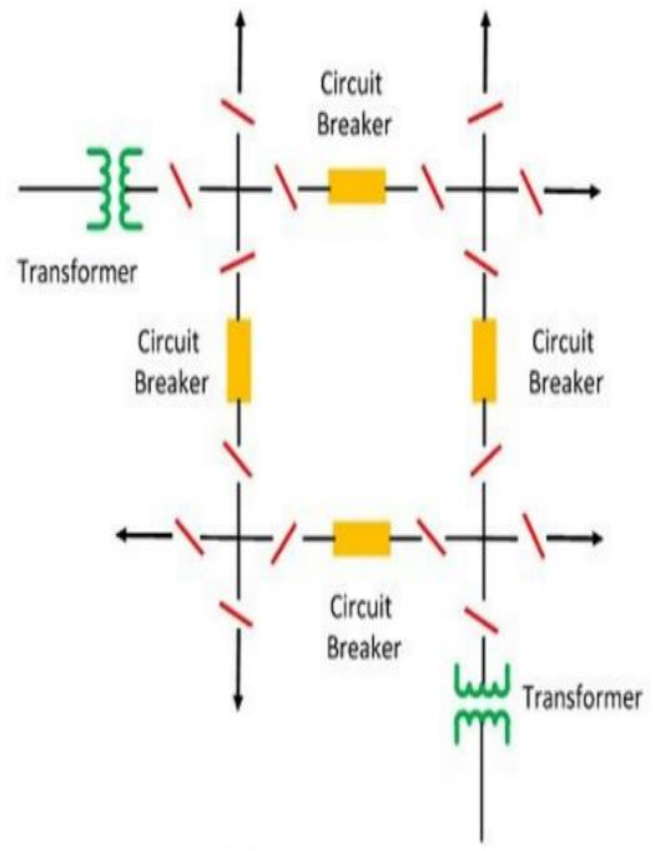
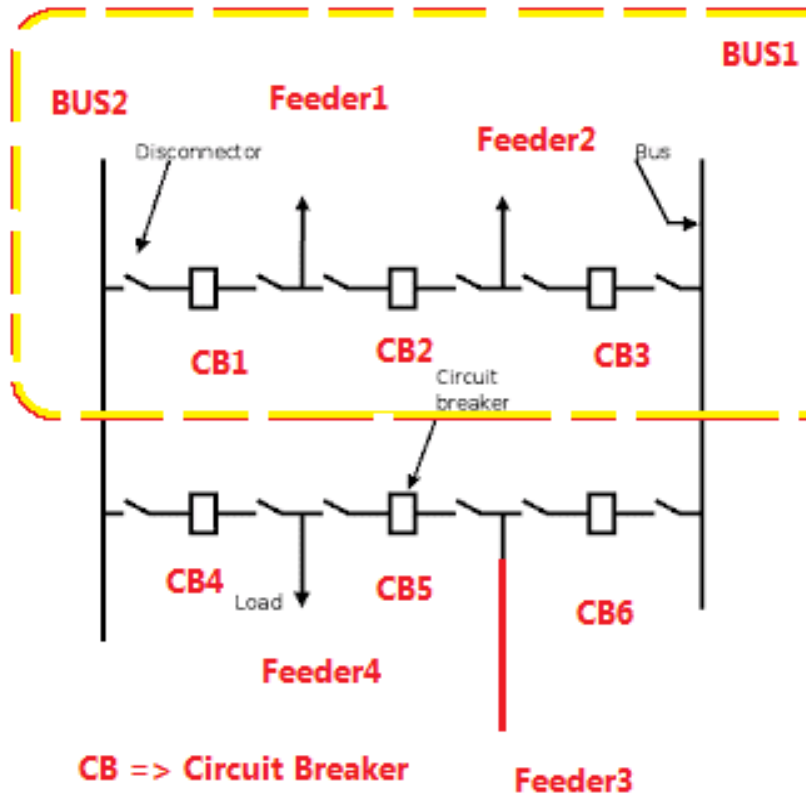
**Sectionalized Double Bus Arrangement**



## Ring Main Arrangement



# One and Half Bus System



# Mesh Arrangement

