

The diagram illustrates a three-phase power supply system. It starts with a three-phase source (A, B, C) connected to a three-phase line. The line is connected to a three-phase load (a motor). The load is connected to a three-phase distribution network (a busbar). This busbar is connected to a three-phase transformer. The transformer is connected to another three-phase distribution network (a busbar). This second busbar is connected to a three-phase load (a motor) and a single-phase load. The single-phase load is connected to the busbar through a single-phase line. The diagram also shows a three-phase distribution network (a busbar) connected to a three-phase transformer, which is connected to a three-phase distribution network (a busbar) connected to a three-phase load (a motor).