

Advantages of Good Power Factor

1. Decreases the copper loss in transformers, cables, transmissions lines and other equipments, thus allowing considerable saving in energy consumption
2. Helps in stabilizing the system voltage.
3. Reduces the load on transmission and distribution equipment and transformer. Thus, it allows transmission of larger power and full utilization of substation and generating unit capabilities.
4. Releases system capacities
5. Avoids large penalty often imposed on consumers