# **Annex A: Information on chiller system design**

1. **Typical chiller system design workflow**
2. **Variables that affect chiller plant system efficiency**

* Chiller configuration
  + Chiller size and subsequently, the specification of the other chiller plant components
  + Chiller staging
  + Chiller type (screw, centrifugal, VSD screw, magnetic bearing centrifugal, etc)
  + Chiller brands (which may affect factors such as pressure drop)
* Design specifications
  + Condenser water supply/return temperature
  + Chilled water supply/return temperature
  + Condenser and chilled water delta T & flow rate