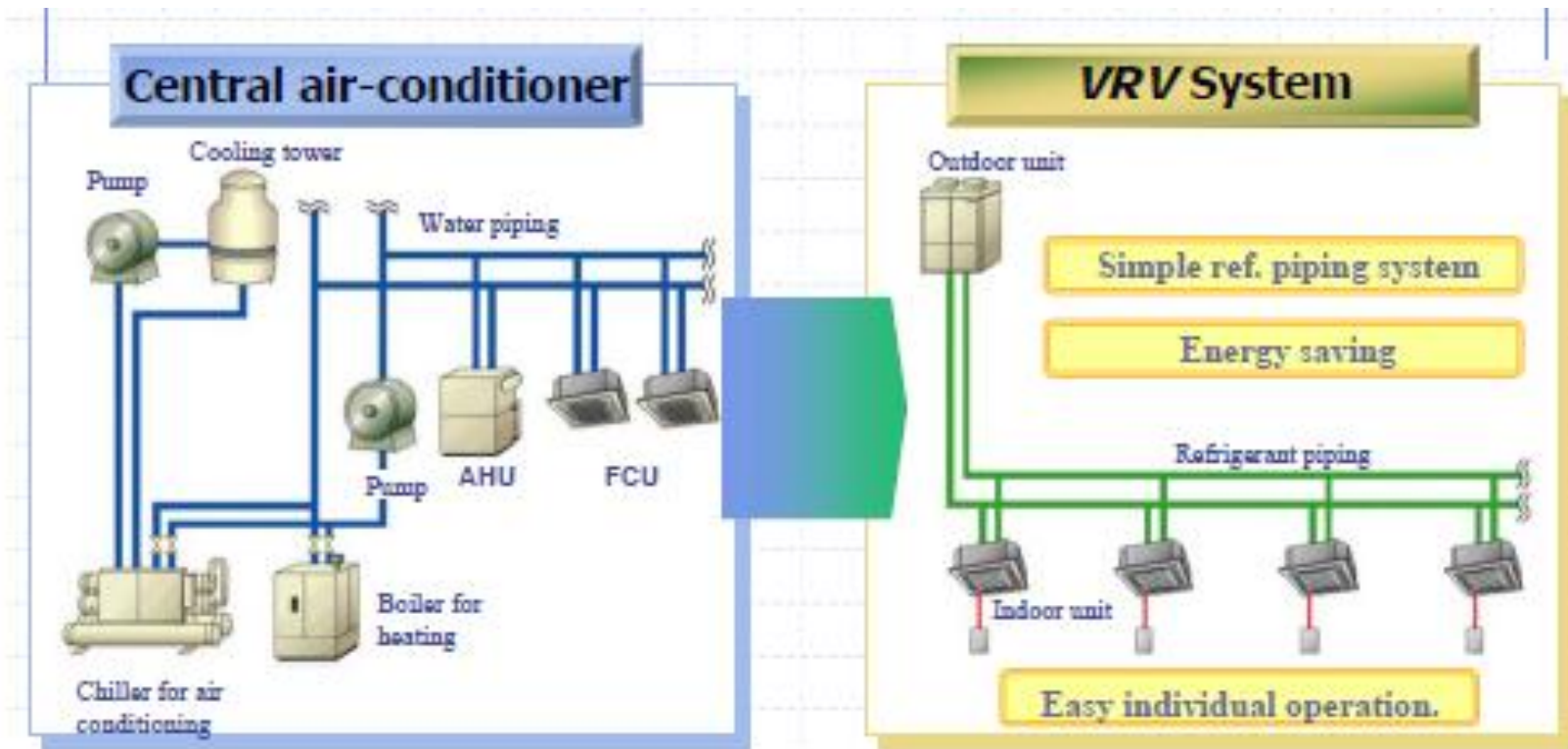
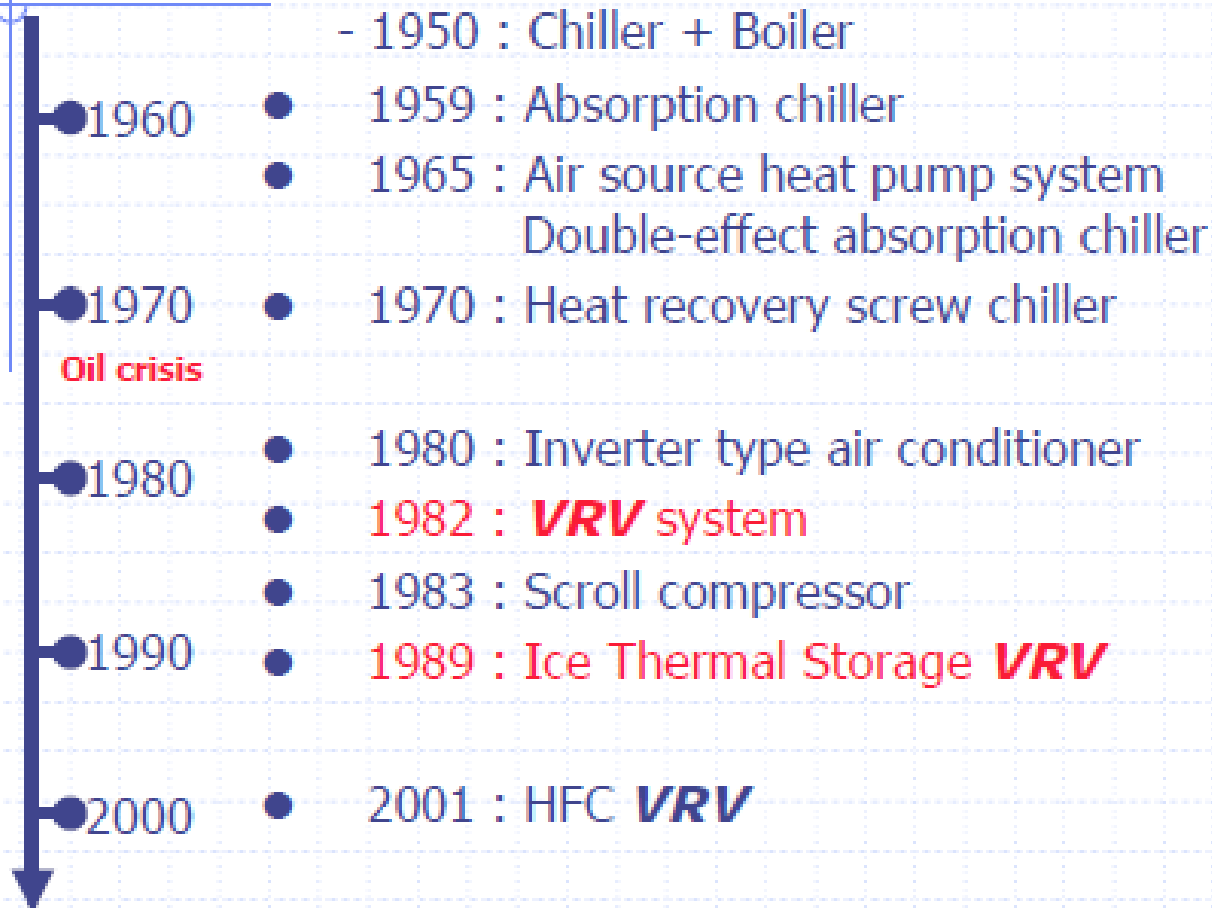


Variable Refrigerant Flow (VRF) Variable Refrigerant Volume (VRV)

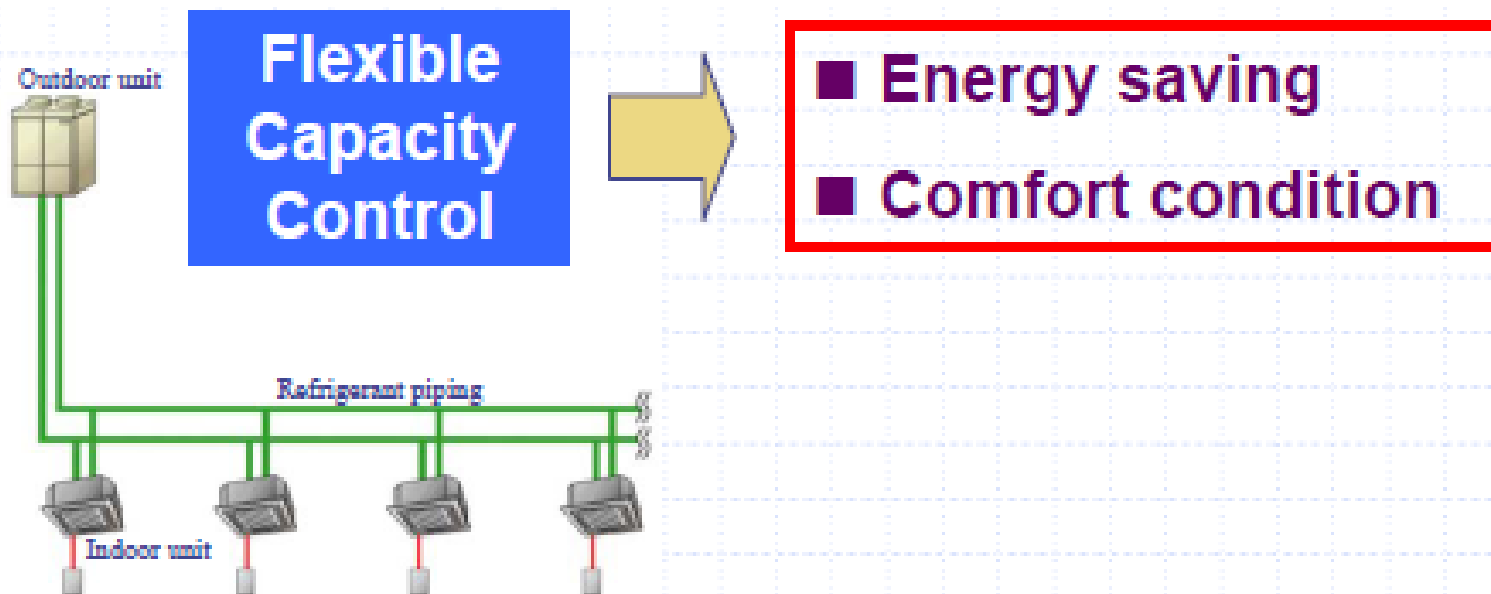


1. History of Air Conditioning in JAPAN

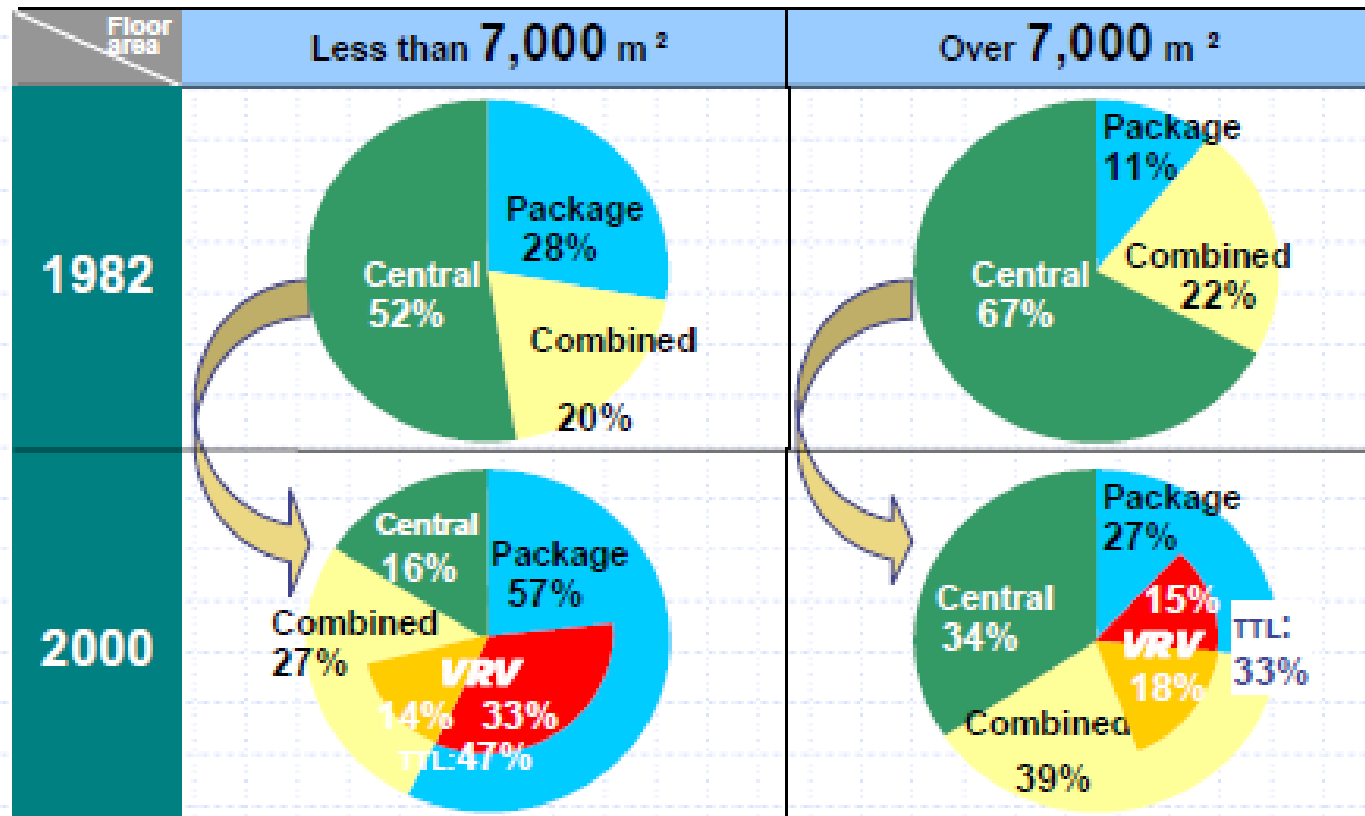
Air conditioning history in Japan



- Inverter driven compressor : Outdoor unit
- Electronic expansion valve : Indoor unit
- CPU : Integrated control system

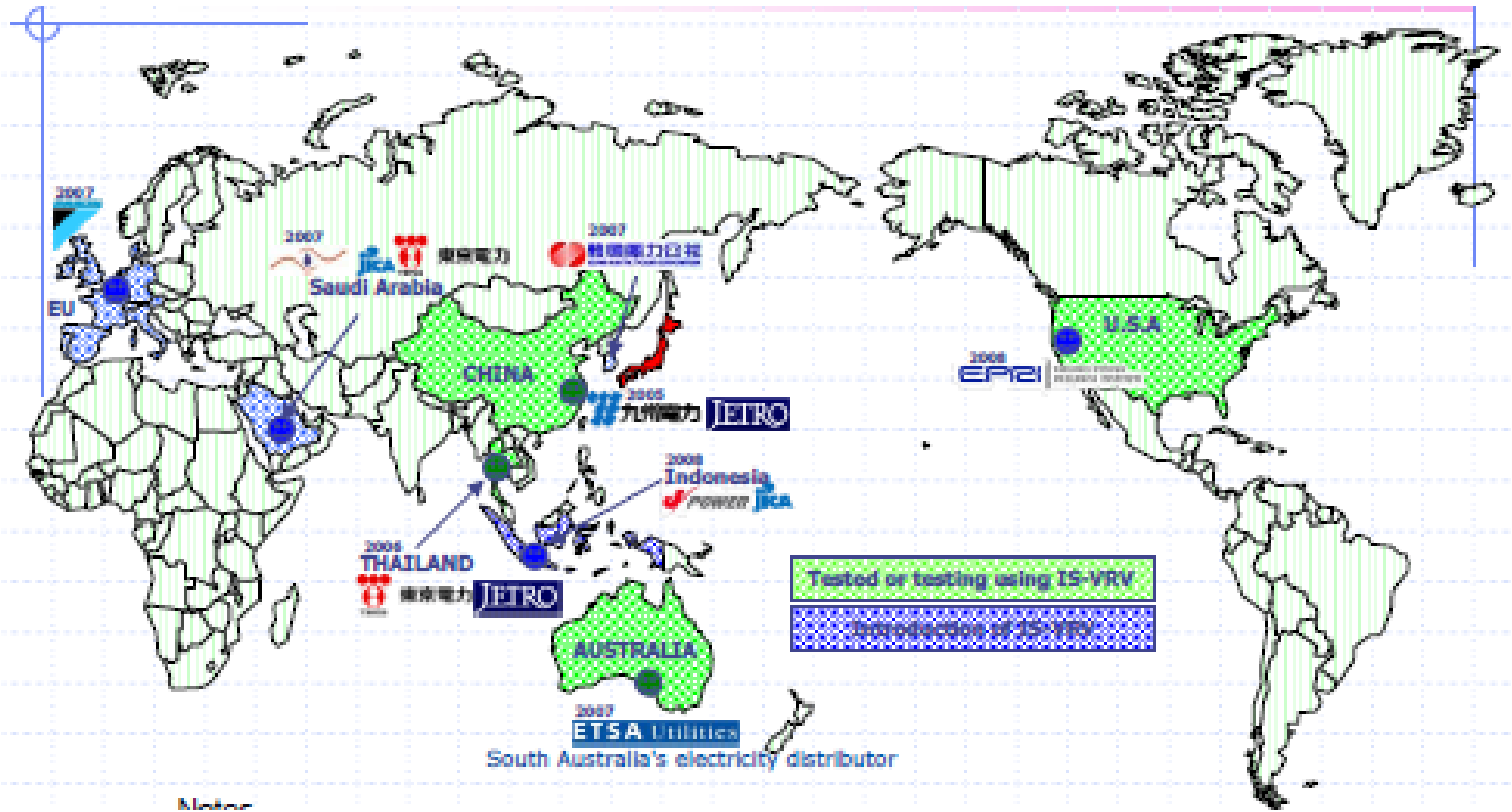


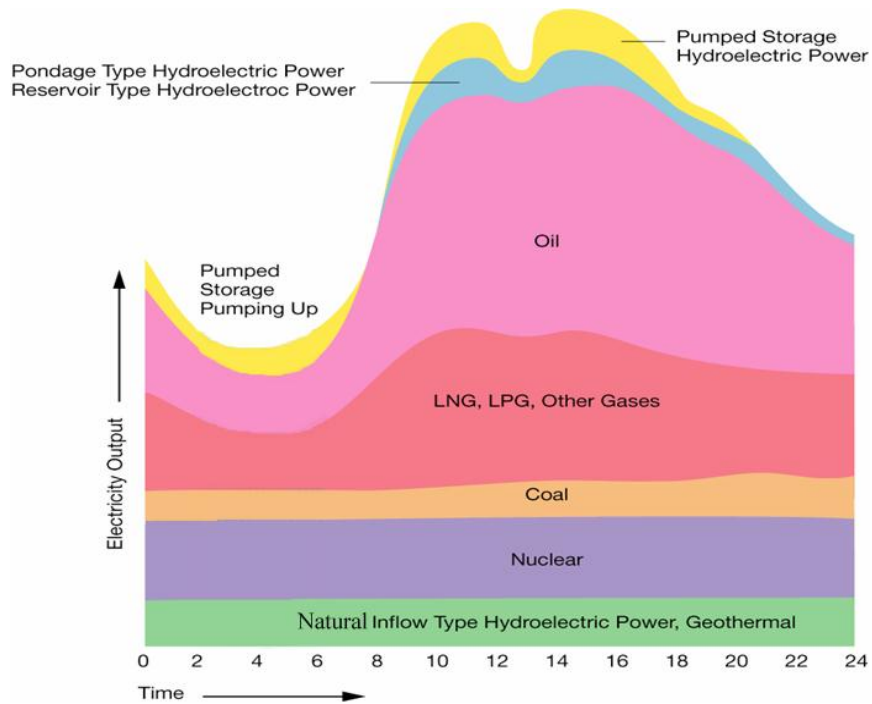
Building AC System in Japan



VRV System is penetrating into Large-sized Buildings

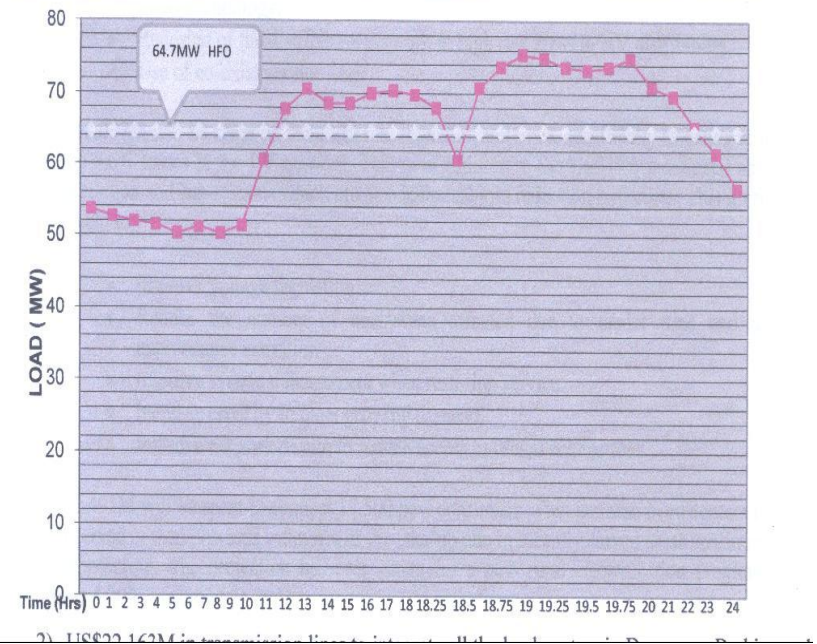
Ice Thermal Storage VRF



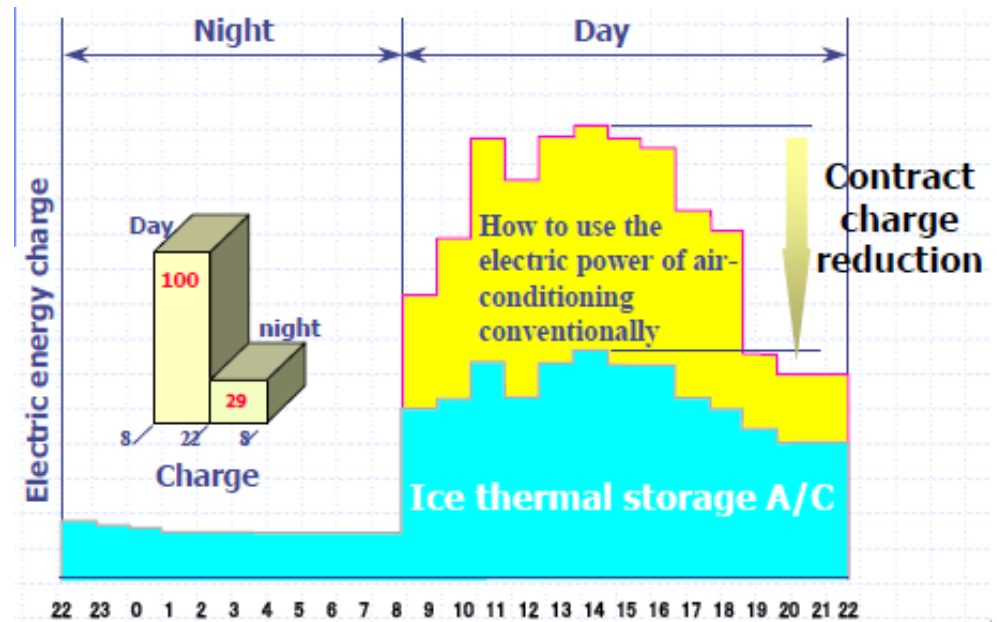
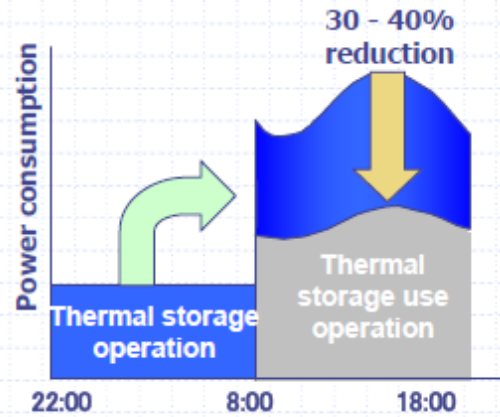
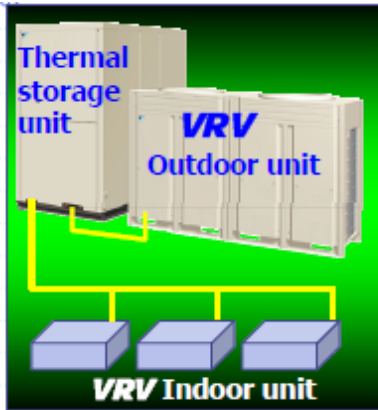


Japan

Typical Daily Load Curve in Demerara showing periods when diesel fired capacity was used

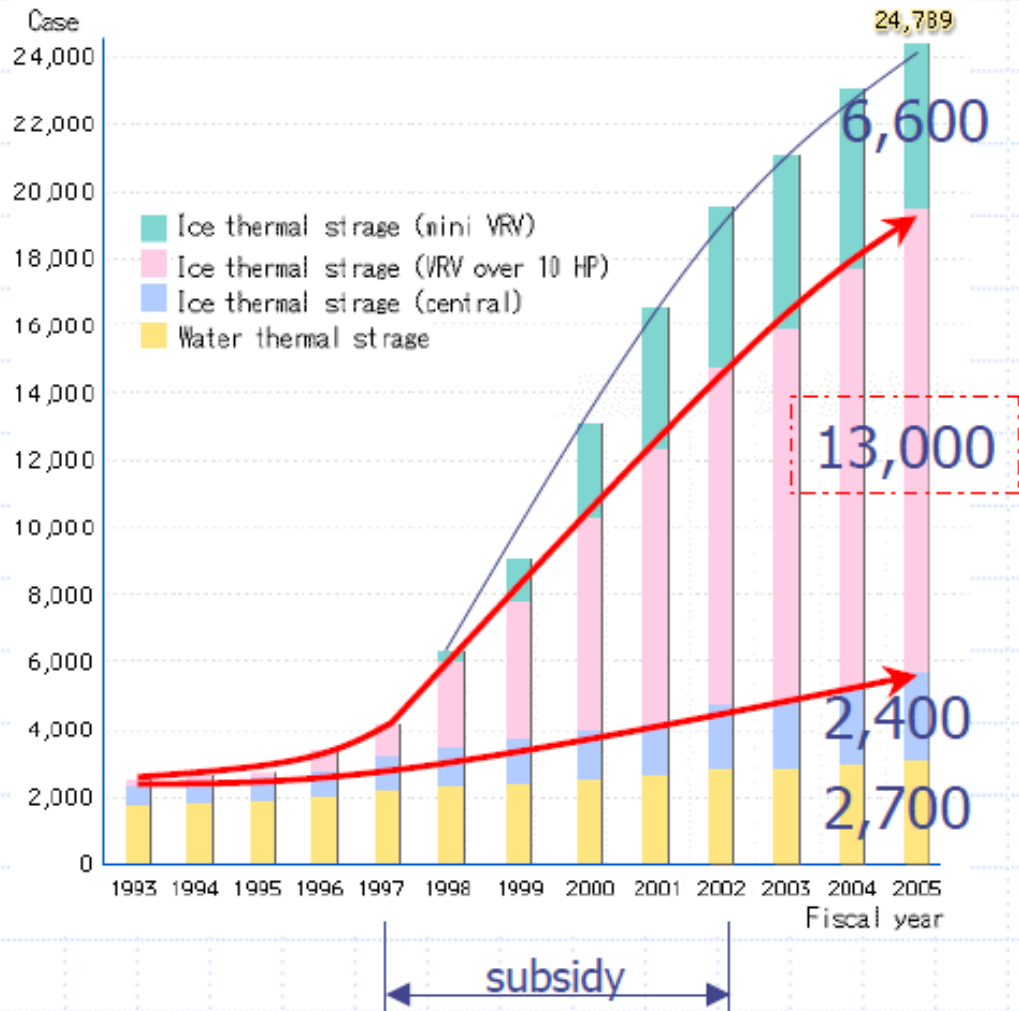


Guyana



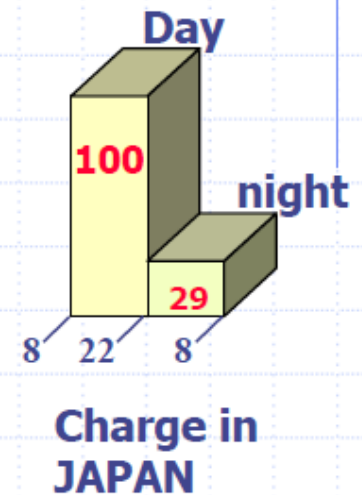
Cases of installation

stock at each end of a fiscal year



1. Merits of Users

- (1) Reduction of annual electric charge
 - i. Electric charge of night-time is 1/3 of daytime.
 - ii. Reduction of demand charge
- (2) Special treatment system by government or electric power company
 - i. Interest subsidy
 - ii. Tax special treatment
 - iii. Low interest loan
 -
 -
 -



2. Merits of Electric Power company

- A) No need to build a one power plant (1.6 million kW / ten years).