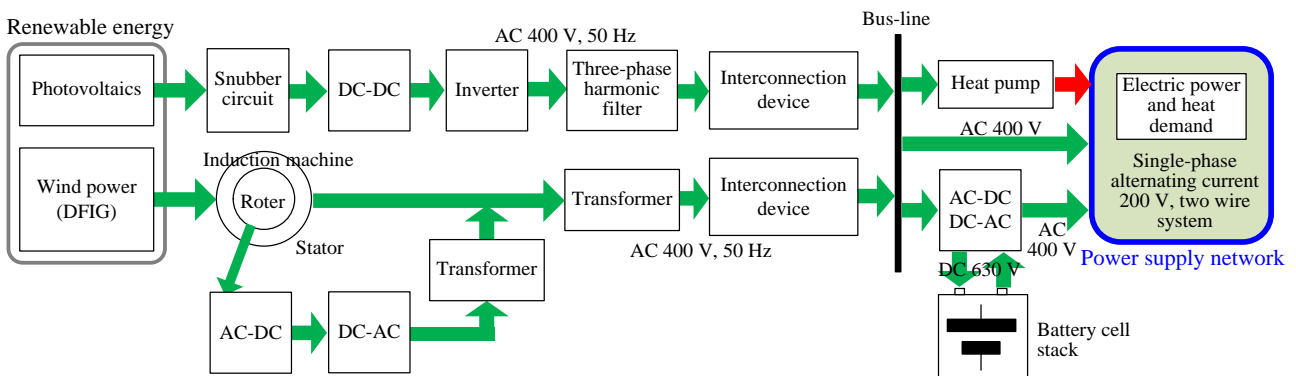
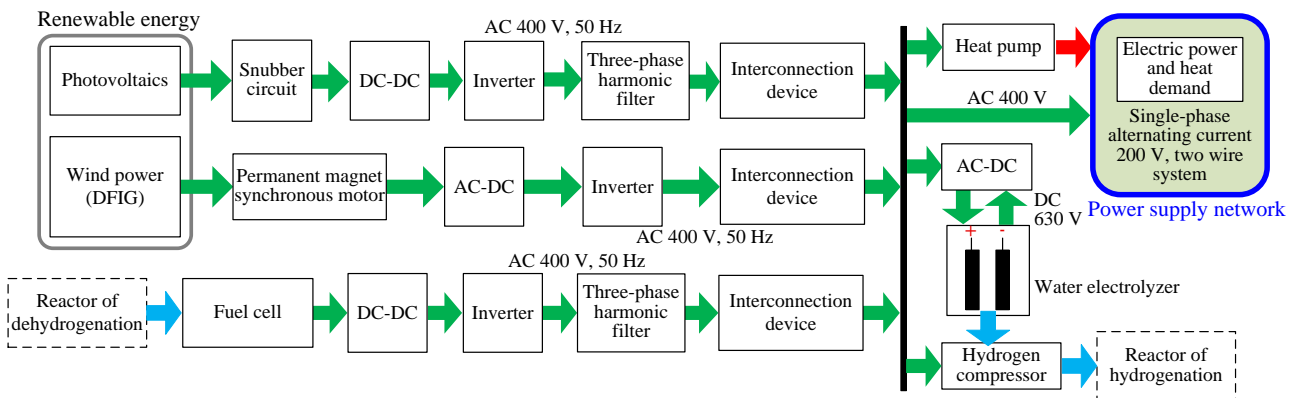


ナトリウム・硫黄電池(NAS 電池)、有機ハイドライドによるエネルギー貯蔵を
 伴う再生可能エネルギー独立マイクログリッドの経済性調査
**Economic Efficiency of a Renewable Energy Independent Microgrid
 with Energy Storage by a Sodium–Sulfur Battery or Organic Chemical Hydride**

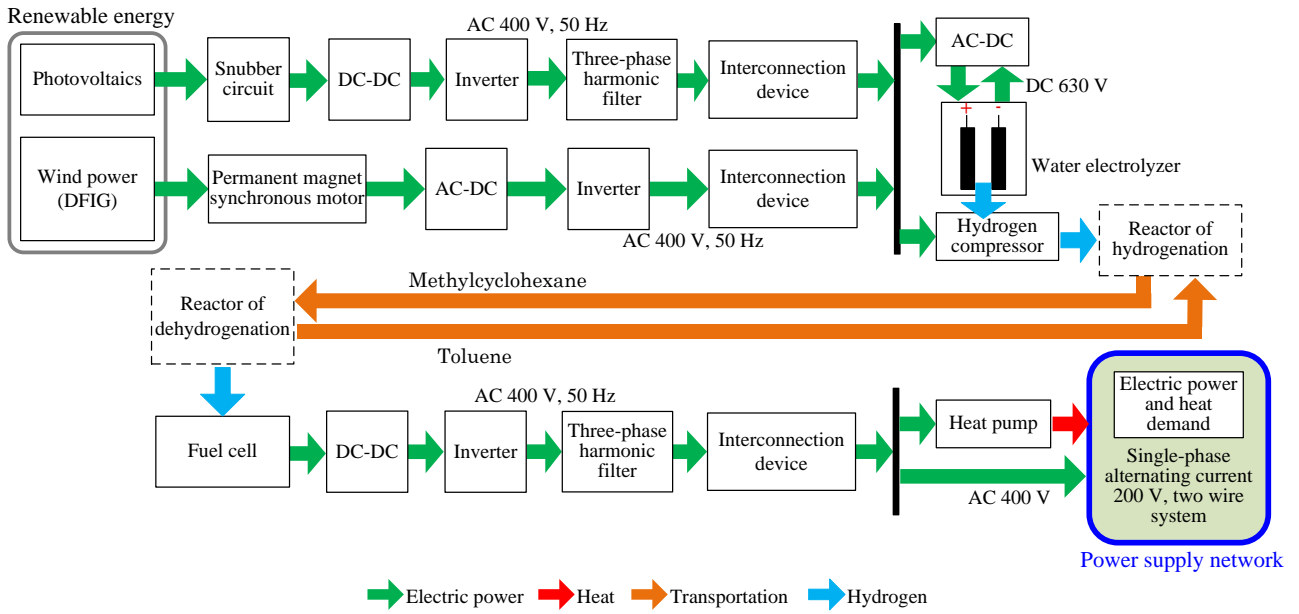
システム構成



(a) NAS battery type



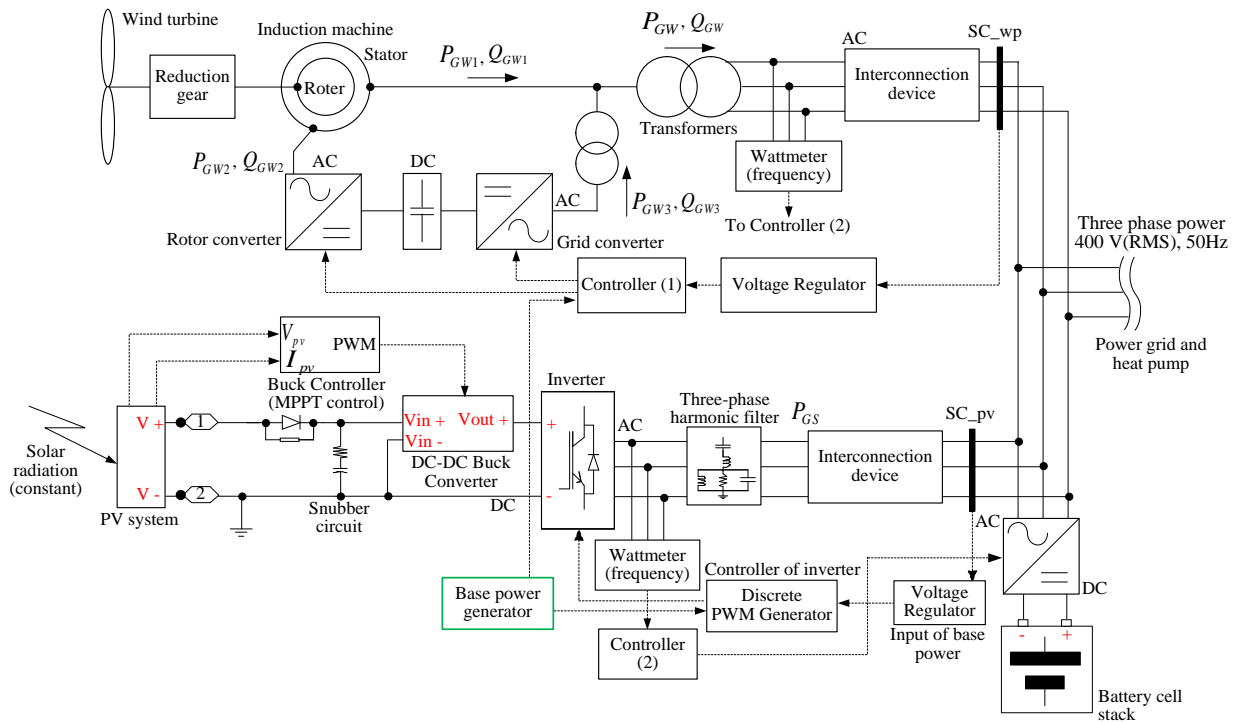
(b) OCHM(Organic chemical hydride (methylcyclohexane))-A type



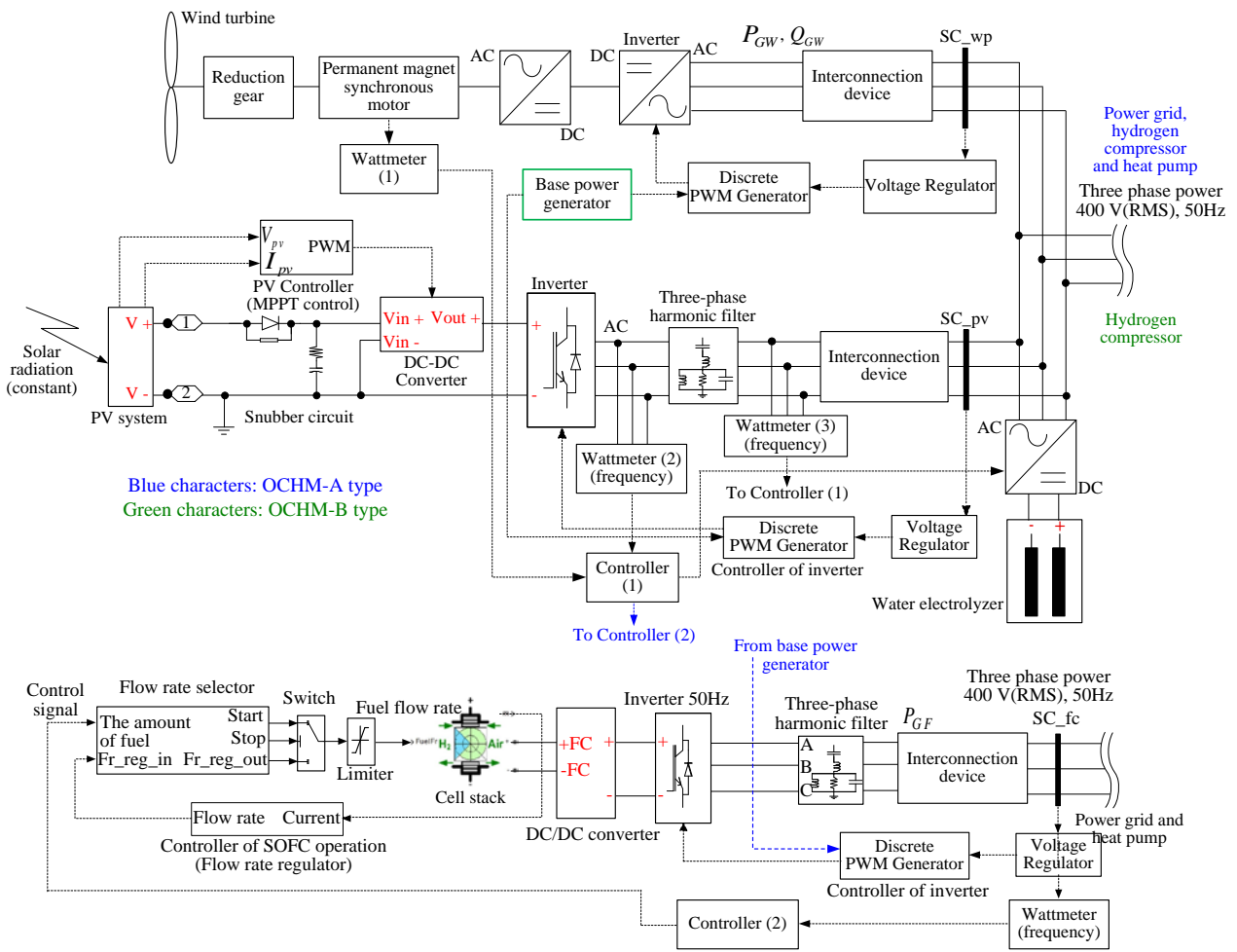
(c) OCHM-B type

Fig. 1 Independent microgrid with NAS battery or OCHM system

システムモデル (MATLAB/Simulink SimPowerSystems)



(a) NAS battery type



(b) OCHM type

Fig. 2 Block diagram of proposed system

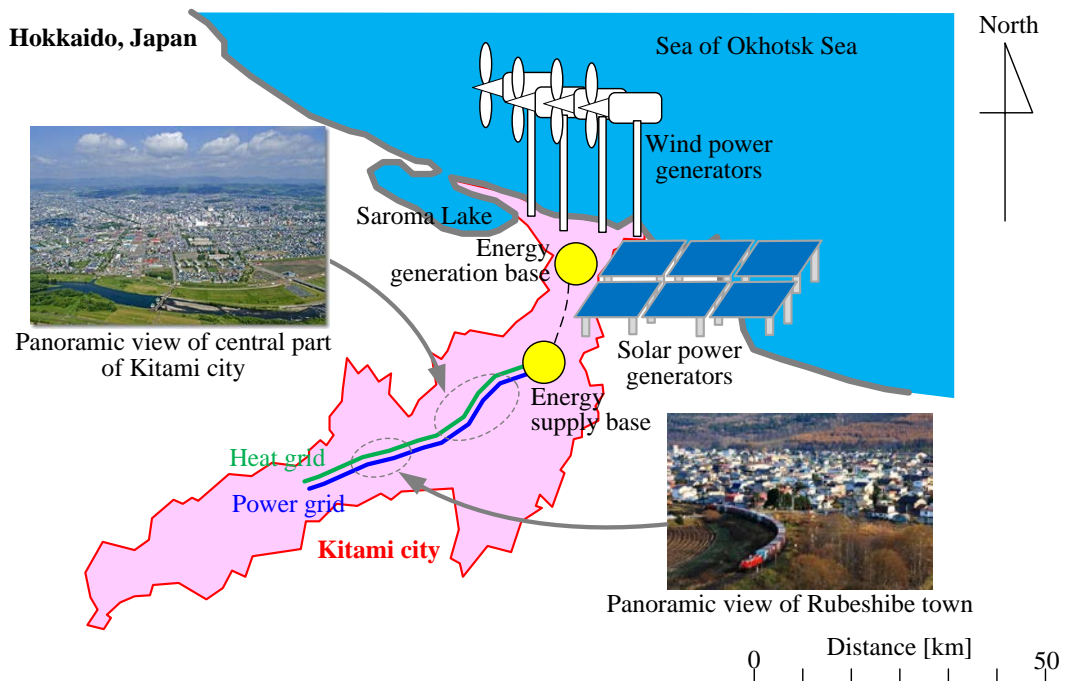


Fig.3 Kitami city microgrid