





















Hybrid Systems: Switched Architecture with Battery Charging • Separate AC charger



Hybrid Systems: Switched Architecture with Battery Charging

- Inverter is bi-directional and can synchronize with gen set
- Gen set power to recharge battery and/or supply load
- Gen set and inverter can simultaneously supply load



11

Hybrid Renewable System

- Two or more different renewable power sources
- Used when sources have complementary characteristics
- Example: sunny during the daytime and windy in the evening



13



