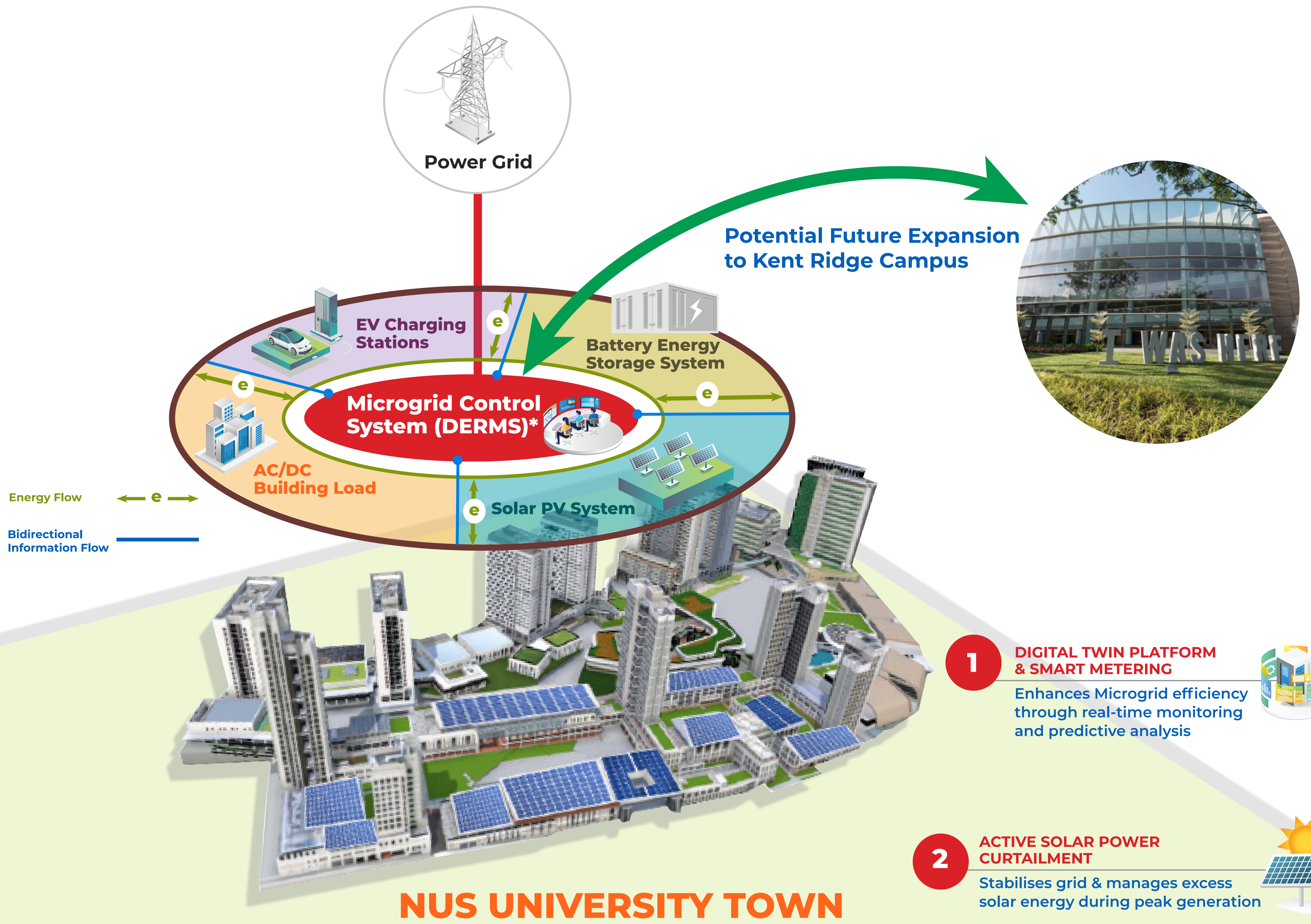


# KEY FEATURES OF HYBRID AC/DC MICROGRID @ NUS



**1** **DIGITAL TWIN PLATFORM & SMART METERING**  
Enhances Microgrid efficiency through real-time monitoring and predictive analysis

**2** **ACTIVE SOLAR POWER CURTAILMENT**  
Stabilises grid & manages excess solar energy during peak generation

**4** **HYBRID ENERGY STORAGE AND MANAGEMENT SYSTEM**  
Strengthens Microgrid resilience

**3** **SMART EV CHARGING & GRID-COMPLIANT SCHEDULING**  
Improves electric vehicle usage within microgrids while ensuring grid stability

\*Distributed Energy Resource Management System