

Smart features in Tengah

The upcoming “forest town” will also be a “smart energy” town that runs on an energy management system powered by artificial intelligence to minimise disruption to services and optimise energy use. Here is a look at some features.



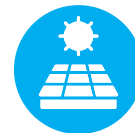
Centralised Cooling System

- Home owners have the option of subscribing to a centralised cooling system by Singapore Power (SP) Group
- More energy-efficient compared with conventional air-conditioning systems
- Chilled water will be piped to homes from centralised chillers installed on the rooftops of selected HDB blocks.
- Users can monitor and control their usage via an app and save up to 30% in life cycle costs



Electric Vehicle (EV) Ready Infrastructure

- Parc Residences @ Tengah Build-To-Order project and its adjacent housing project will feature EV-ready infrastructure
- Will support EV charging for up to 10% of carpark lots



Solar Photovoltaic (PV) Panels

- Two types of solar PV panels to be introduced to the rooftops of HDB blocks: vertical and horizontal
- Solar energy collected will be used to power the centralised cooling system in homes and supplement electric load for the electric vehicle charging



My Tengah App

- Home owners can review their home energy consumption and carbon footprint
- Accumulate points by participating in sustainable activities that can be exchanged for rewards
- Control their centralised cooling system air-conditioning, locate EV chargers and view the charging status of their electric vehicles