

Indoor temperature

Due to the differing climate conditions across China, the north of China and the Yangtze River Basin require heating, and the north of China, Yangtze River Basin and the south of China all require air conditioning. At present, indoor winter temperatures across China are 18°C in the North and 16 °C in the Yangtze River Basin. Indoor summer temperatures across China are currently 28 °C in the North, 27 °C in the Yangtze River Basin and 26 °C in the South.

Trajectory 1

In this scenario, along with a constant growth in average income in China, people's demands for temperature adjustment also increase. Average indoor winter temperature increases from 18 °C to 22 °C in the North and from 16 °C to 20 °C in the Yangtze River Basin. Average indoor summer temperature decreases from 28 °C in the North to 25 °C, from 27 °C in the Yangtze River Basin to 26 °C and from 29 °C in the South to 27 °C.

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Trajectory 2

In this scenario, people's demands for temperature adjustment see a small increase. Average indoor winter temperature increases to 20 °C in the North and to 18 °C in the Yangtze River Basin. Average indoor summer temperature decreases from 28 °C in the North to 25 °C, from 28 °C in the Yangtze River Basin to 26 °C and from 29 °C in the South to 27 °C.

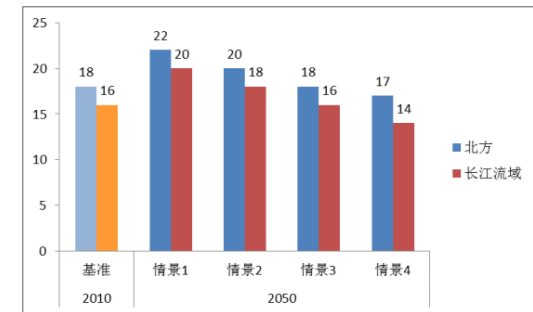
Trajectory 3

In this scenario, people's demand for temperature adjustment does not change. Average indoor winter temperature remains at 18 °C in the North and at 16 °C in the Yangtze River Basin. Average indoor summer temperature slightly decreases to 26 °C in the North, 27 °C in the Yangtze River Basin and to 28 °C in the South.

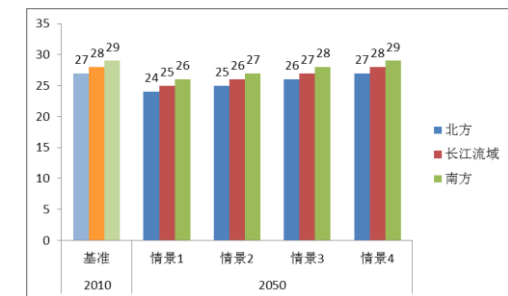
Trajectory 4

In this scenario, due to an increase in the cost of energy resources, people's demand for temperature adjustment declines. Average

indoor winter temperature sees a slight drop to 17 °C in the North and 14 °C in the Yangtze River Basin. Average indoor summer temperature does not change and remains at 27 °C in the North, 28 °C in the Yangtze River Basin and 29 °C in the South.



Scenarios of Indoor Winter Temperature Assumption



Scenarios of Indoor Summer Temperature Assumption