

# Reference Shanghai Tower, China

## Bosch boiler in China's tallest building

### Background

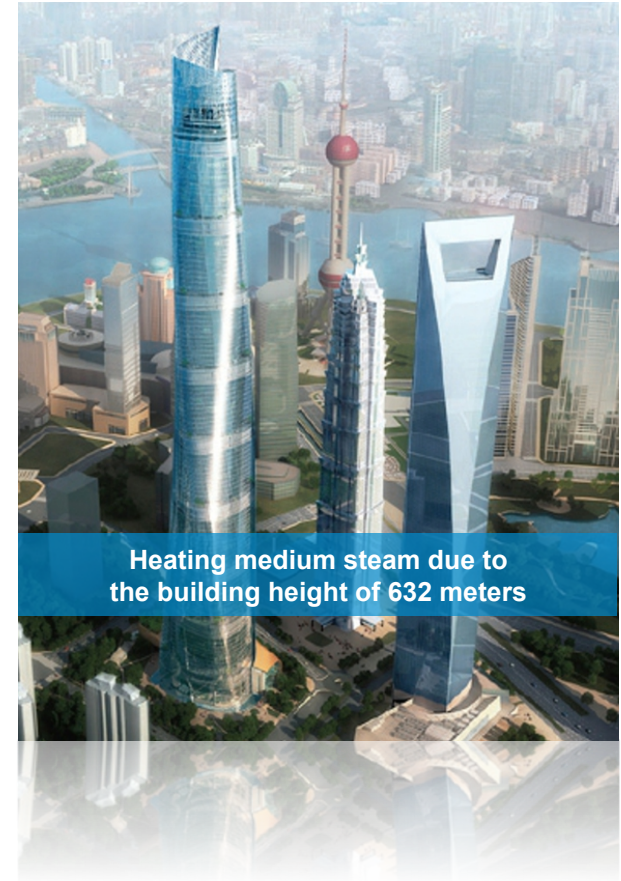
- ▶ High demand for heating and DHW for the whole building: hotel, restaurants, laundry, office buildings, air humidifying for air conditioning system

### System

- ▶ Four UL-S steam boilers with 48 t/h of steam in total
- ▶ Equipped with modulating burners and integrated economizers for waste heat recovery
- ▶ Two modules for feed water deaeration and boiler controls complete the system

### Benefits

- ▶ High degree of automation protects against maloperation, increases reliability and reduces the obligation of supervision
- ▶ High pressure consistency and steam quality even at highly fluctuating steam demand
- ▶ High efficiency of 95 %



Heating medium steam due to the building height of 632 meters