

# Spirax TurboPower

## Generate electricity from your steam system and lower your utility bills

### ENERGY TRANSFER SOLUTIONS

#### Utilise your existing steam system to reduce your electricity bill

Most steam systems currently use pressure reducing stations to reduce steam to the required application pressure. Our new Spirax TurboPower solution allows you to generate and supplement your own electricity demands by harnessing the energy released by the resulting pressure drop.

Most steam users can therefore benefit from installing our energy-saving Spirax TurboPower pressure reduction technology. The greater the steam demand and higher the pressure turndown, the more electricity the turbine will generate, and ultimately give you faster payback.



#### Benefits to you

- **Lower electricity bills.** Generate up to 100 kW of electricity from your existing steam system\*
- **Reduce environmental taxes.** Making better use of the available energy means a reduction in your energy and carbon associated obligations such as the Climate Change Levy (CCL) and Carbon Reduction Commitment (CRC)
- **Plant optimisation.** Fully utilise your steam system capacity to maximise overall plant efficiency
- **Integrity of power supply.** Generating your own electrical power means less reliance on external suppliers

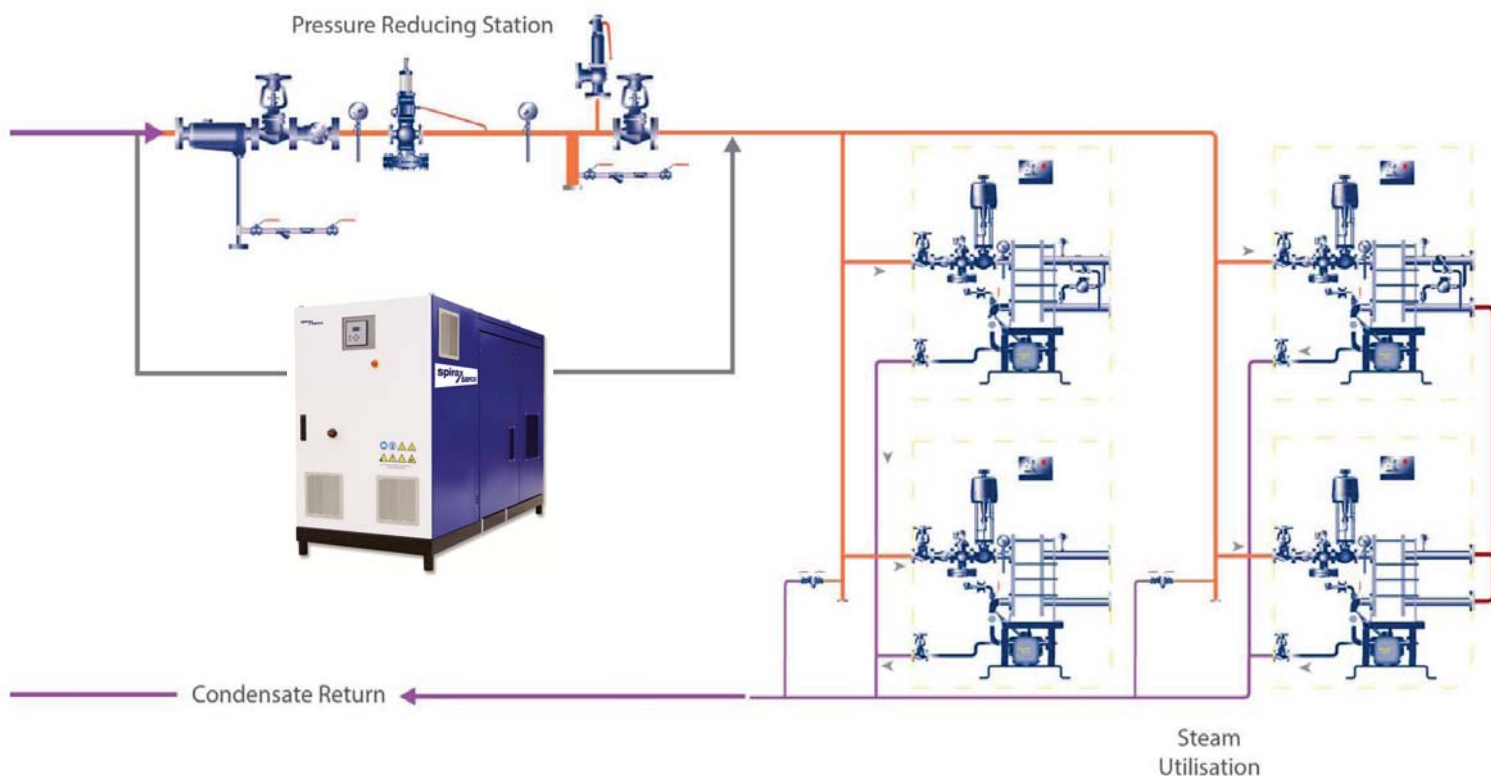
## Choose the right model

Within the range are the TP50 and TP100 which are suitable for both saturated or superheated steam.

## Available range

Unit	Maximum electrical output*	Maximum operating pressure	Maximum operating temperature
TP50	50 kW	14 bar g	198°C
TP100	100 kW	14 bar g	198°C

\*Higher electrical outputs are available with our TR MicroTurbine range



The compact design makes the Spirax TurboPower suitable for retrofitting into many existing steam plants – they are supplied fully assembled and tested to minimise on-site disruption.

For further information:

E: [ukenquiries@spiraxsarco.com](mailto:ukenquiries@spiraxsarco.com)

T: 01242 521361

W: [spiraxsarco.com/uk](http://spiraxsarco.com/uk)



# spirax sarco



Spirax-Sarco Limited, Charlton House, Cheltenham,  
Gloucestershire, GL53 8ER, UK  
T: +44 (0)1242 521361  
F: +44 (0)1242 573342  
E: [ukenquiries@spiraxsarco.com](mailto:ukenquiries@spiraxsarco.com)