

Good Reasons for a WFC

some argument collection (solar)

- Reliable, durable and mature technology (30 years experience)
- Very compact design (size and weight)
- Low driving energy temperature required (75 °C – 95 °C)
- Ratio renewable to conventional energy increases with high solar fraction, resulting in improved fossil energy efficiency (high COP_{PE})
- CO₂-saving application
- Working medium lithium bromide is chemically stable, non-flammable, non-toxic, ecologically benign and ozone-friendly
- Process works under quasi-vacuum, no obligation to work under any pressure vessel rules
- Low electrical consumption of a WFC, thus relief for electricity grids by replacing conventional demand peaks
- Protects existing solar collector installations by avoiding summer stagnation

Good Reasons for a WFC

some argument collection (cogeneration)

- Reliable, durable and mature technology (30 years experience)
- Very compact design (size and weight)
- Low driving energy temperature required (70 °C – 95 °C)
- Adequate heat sink in summer times (e.g. for CHP)
- Ratio utilized to rejected waste heat increases, resulting in improved fossil energy efficiency in cooling (high COP_{PE})
- CO₂-saving application
- Working medium lithium bromide is chemically stable, non-flammable, non-toxic, ecologically benign and ozone-friendly
- Process works under quasi-vacuum, no obligation to work under any pressure vessel rules
- Low electrical consumption of a WFC, thus relief for electricity grids by replacing conventional demand peaks