

## Professional action situations

<b>Nr.</b>	<b>Titel</b>	<b>Description</b>
1	Installation of a heatpump or a hybrid heating system (heatpump with fossil heat generator) (3)	During the energy refurbishment of an existing building, a heat pump or hybrid heating system for heating and hot water production should be properly dimensioned, selected and procured, installed and optimized by adjusting the control parameters during ongoing operation.
2	Installation of solar thermal systems on the roofs of buildings. (5)	For the energy-efficient heat supply of a new residential or commercial building, the installation of a thermal solar system should be properly dimensioned, selected and procured, installed and optimized by adjusting the control parameters during ongoing operation.
3	Installation of a solar cooling system on the roof of a building (6)	In order to reduce the energy required to cool a building, a solar cooling system is to be selected, installed, put into operation and optimized by adjusting the control parameters during ongoing operation
4	Installation of a photovoltaic system on the roof of a residential or commercial building (4)	For the electrical power supply of a residential or commercial building, the installation of a photovoltaic system should be properly dimensioned, selected and procured, installed and set into operation.
5	Building automation (2)	Installation and commissioning of sensors and actuators for the automation of building processes in e.g. office and commercial buildings, greenhouses, private residential buildings, etc.
6	Troubleshooting in building systems and building installations. (1)	The customer reports a cold room in a residential building. The service technician's task is to determine the cause of the cold room and rectify the cause.