



## **Professional action situations**

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

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