

Professional action situations

| Nr. | Titel | Description |
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| 1 | Installation of a heatpump or a hybrid heating system (heatpump with fossil heat generator) | 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 | 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 | 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 | 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 | 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 | 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. |