

## Template for Evidence(s) UI GreenMetric Questionnaire

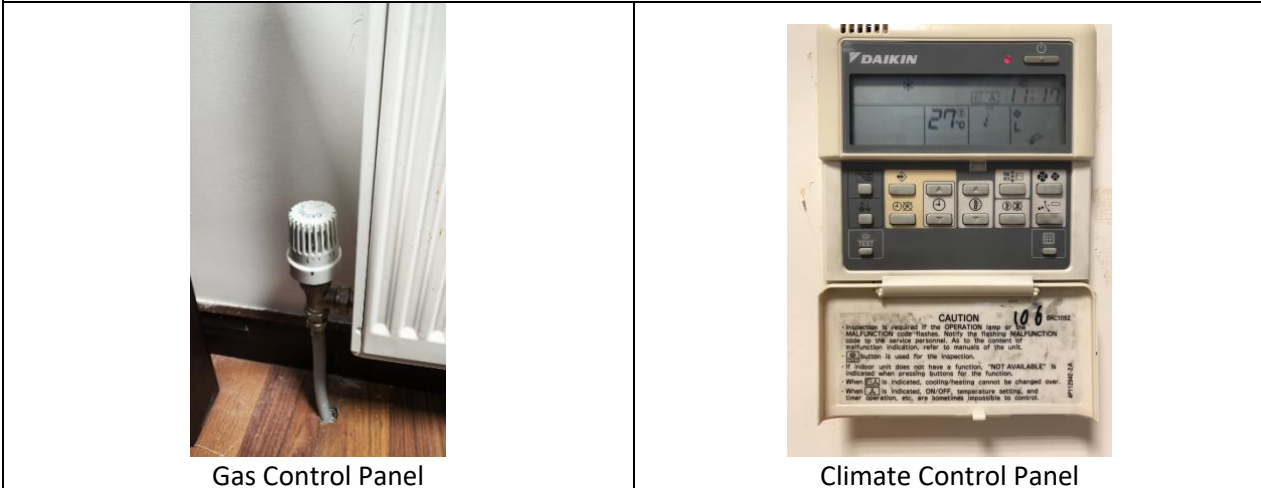
University : Gebze Technical University  
Country : Türkiye  
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### [2] Energy and Climate Change (EC)

#### [2.1] Energy Efficient Appliances Usage



Example of Energy Efficient Appliances Usage: Use of LED lighting and lamps  
(Gebze Technical University, Turkey)



Gas Control Panel

Climate Control Panel



fire detectors



Door sensor

Example of Energy Efficient Appliances Usage: Use of mechanical equipment  
(Gebze Technical University, Turkey)

**Description:**

Gebze Technical University intends to realize further energy savings by paying close attention to energy management. All parts of the organization can assess their own energy consumption and realize their own energy-saving potential by means of, for example, insulation, LED lighting, door sensors, fire detectors energy efficient mechanical equipment and the deployment of sustainable technology.

Example:

Appliance	Total Number	Total number energy Efficient appliances	Percentage
Street Lighting	704	704	100%
LED Lamp	16.250	6700	41%
Boiler	32	28	88%
Radiator (Thermostaic)	3189	1349	42%
Ventilation Fan	305	270	89%
Air Conditioner	1643	1483	90%
		<b>Average Percentage</b>	<b>75%</b>

**Additional evidence link:**