

Investment Costs of Technologies Using Fossil and Renewable Energy Resources

1. Maximum permitted investment costs of technologic equipment using renewable energy resources for production of thermal energy:

1.1. technological equipment for production of thermal energy:

1.1.1. for building defined in Sub-paragraphs 11.2.1., 11.2.2., 11.2.3. and 11.2.4. of these Regulations:

Table 1

No.	Technological equipment	Investments Ls/kW _{th}	Efficiency rate	Range of installed capacity per one unit of technological equipment, kW
1.1.1.1	Woodchips or straw biomass boiler	115	≥ 0.80	≤50
1.1.1.2.	Solar collectors	950	≥ 0.80	≤25
1.1.1.3.	Biomass granule boiler	105	≥ 0.80	≤50
1.1.1.4.	Firewood boiler	105	≥ 0.80	≤50
1.1.1.5.	Vacuum pipes solar collectors	1530	≥ 0.96	≤25
1.1.1.6.	Heat pumps	1180	See Table 2	≤50

Efficiency rate of heat pumps depending on the type of heating

Table 2

No.	Type of heating	Heating circle temperature (°C) at the primary heat carrier temperature 0°C	Efficiency rate
1.1.1.6.1.	Heat pumps liquid/ water:		
1.1.1.6.1.1.	Under floor	0°C/35°C	≥ 4
1.1.1.6.1.2.	radiators	0°C/50°C	≥3,4
1.1.1.6.1.3.	Mixed (under floor and radiators)	0°C/35°-60°C	≥3,6
1.1.1.6.2.	Heat pumps liquid/ air:		
1.1.1.6.2.1.	Air heating and cooling	0°C/35°C	≥ 3.6
1.1.1.6.3.	Heat pumps air/ liquid:		
1.1.1.6.3.1.	Under floor	0°C/35°C	≥ 3
1.1.1.6.3.2.	radiators	0°C/50°C	≥2,6
1.1.6.3.3.	Mixed (under floor and radiators)	0°C/35°-60°C	≥2,8

1.1.2. for building defined in Sub-paragraphs 11.2.5., 11.2.6., 11.2.7., 11.2.8. and 11.2.9. of these Regulations:

Table 3

No.	Technological equipment	Investments Ls/kW _{th}	Efficiency rate	Range of installed capacity per one unit of technological equipment, kW
1.1.2.1.	Solar collectors	1 000	≥ 0.80	≤140
1.1.2.2.	Biomass granule boiler	316	≥ 0.80	≤200

1.2. electricity generation technological equipment

Table 4

No.	Technological equipment	Investments Ls/kW _{th}	Range of installed capacity per one unit of technological equipment, kW
2.2.1.	Wind power plants	1200	≤50
2.2.2.	Solar batteries	2800	≤10

2. Project costs, which exceed the maximum permitted investment costs of technologies using renewable energy resources which are stated in Tables 1, 2, 3 and 4 of this Annex, shall be indicated as ineligible costs and they shall be covered by the project applicant from its own financial resources.

Prime Minister

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Approved:
State Secretary

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