

Title of the measure:	GRE2-Allocation of heating costs in collective buildings
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General description

Presidential Decree 27/9/1985 sets a new regulation for the billing of heating costs in collective residential buildings, starting from 1985. This regulation provides directions and calculation methods for the allocation of space heating costs. The allocation of heating costs for older residential buildings with a two pipe space heating system (e.g. collective space heating) is based on the thermal losses and the volume of each apartment. Additionally, the regulation introduces the billing methods and guidelines for new dwellings with one-pipe space heating systems (e.g. with autonomous space heating) which is the standard space heating system for most of the residential buildings constructed in Greece from mid 1980s until today. The allocation of heating costs in buildings with autonomous space heating is calculated with metering the actual fuel consumption for each dwelling with individual calorimeters. However, due to high cost and questionable accuracy of calorimeters (especially for older technology devices) the PD was modified, allowing an alternative for the calculation of space heating costs with timers measuring the heating hours of each dwelling. Therefore, in most cases the heating costs of dwellings with autonomous space heating are calculated as a function of heating hours, predefined heating losses and size for every dwelling.

Impact evaluation

The actual saving effect of this measure is difficult to be determined. The measure is applicable for dwellings with collective heating systems e.g. about 44% of all dwellings in Greece. It is estimated that a substantial amount of dwellings (about 60%) is heated with collective systems and 40% with autonomous heating systems. More accurate and fair allocation of heating costs could stimulate more end users towards energy and cost saving behaviour, especially in dwellings with autonomous heating. To the contrary, the modernization of central heating systems with space thermostats inside the dwelling along with the low oil prices in the past decade and the improvements in households' budget has led to extensive oil use for space heating in many cases.

Interaction of measures

No

Historical data

Presidential Decree 27/9/1985, OGG 631/Δ/85 is ongoing since 1985. It is going to be revised and extended (according to SAVE Directive 93/76/EEC) in order to become more proportional to actual thermal losses and to include air-conditioning and hot water costs.

Reference

Presidential Decree 27/9/1985, OGG 631/D/85No