Participant name, surname:

_____

COMPANY QUESTION

Short company description:

„Fortum"– is a leading clean-energy company, developing and offering solutions for customers in electricity, heating, cooling, as well as solutions to improve resource efficiency. Company also provides services for the power generation industry and solutions for consumers so that they can be smarter in their energy choices.

UAB "Fortum Klaipėda" uses sorted municipal and industrial waste to produce heat and electricity. UAB "Fortum Heat Lietuva" owns 95% of the shares of UAB "Fortum Klaipėda". UAB "Fortum Klaipėda" was established in 2007; 33 employees work in the company.

The plant in Klaipėda has been operating since 2013. It plays a prominent role in the waste management chain and contributes to the implementation of a circular economy in Lithuania. The power plant, which uses non-hazardous municipal and industrial waste as fuel, is the first such plant in Lithuania and in the Baltic states. Energy is produced by using the latest technologies to ensure maximum fuel consumption and efficient exhaust gas treatment. Heat is supplied to the district heating network of Klaipėda, while electricity is supplied to the national electricity grid.

UAB "Fortum Klaipėda" supports initiatives related to children and communities; free visits to the plant are constantly organized for pupils, students, communities, non- governmental and other organizations.

Question:

In 2018, the following companies delivered waste to the Fortum plant:
38 % - Klaipėda KRATC (Klaipėda district)
11 % - Ecobase (Lithuania)
9 % - Ekocervice (Lithuania)
8 % - Kaunas RATC (Kaunas district)
7 % - Ekonovus (Lithuania)
5 % - Siauliai (Lithuania)
22 % - others

In 2018 - 253 thousand tonnes of waste was burned. With 1 tonne of waste incineration, we get enough energy to heat an entire 60m^2 flat for a whole month or to burn a 100W light bulb for 6000 hours.

How many 60 m^2 flats per year can be heated in Klaipeda district by burning only waste collected in Klaipeda? (Using data for 2018 only). Heating period lasts from October till the end of March.

Please provide answer here: