

Cockroach Power!!

Me and my accomplice have recently discovered that the digestive processes of a cockroach result in an excess of methane gas, which of course, can be burnt as fuel. We were immediately struck with copious amounts of ideas. We devised a plan to use organic/ compostable matter to feed the cockroaches, and in which the resulting methane gas can be used in many different ways to produce power. The form we used in our explanatory video was the utilization of thermal energy produced by the burning methane to create a convection current within an enclosed space or tube that contains water (or some other easily heated fluid) as well as one, if not many, turbines to create electricity. And of course burning methane (CH_4) results in excess CO_2 and H_2O , to counter these products we figured it would be beneficial to channel (and hopefully mix unintentionally and pipe) them into a greenhouse of sorts where small, easily harvestable plants will be grown year-round to supply the cockroaches with a steady, maybe even abundant, supply of organic matter. Cockroaches can also survive extreme lack of water, we find from research that they are able to utilize the liquids from wet foods, but seeing whether keeping the cockroach "enclosures" hydrated is required would require further implementing.

Cockroaches are able to consume materials such as the following: Paper, Cardboard, Yard waste, Plant and Kitchen scraps, Meats, and Starches.

Thank you reader, for your time :)