



Fuel Free!: Living Well Without Fossil Fuels

By MR Thomas R Blakeslee

Createspace, United States, 2009. Paperback. Book Condition: New. 214 x 140 mm. Language: English . Brand New Book ***** Print on Demand *****.An exciting and optimistic vision of a future without fossil fuels. Bristling with practical ideas for significantly increasing efficiency using geothermal, biomass, wind and solar to create a clean, sustainable and economical energy infrastructure plus lots of great jobs. Inside: You will learn how to: . Triple power plant efficiency by using the waste power. . Get free power from atomic decay deep in the earth . Grow renewable, clean biocoal on semi-desert land . Improve soil and store carbon with biomass crops . Gas pipelines: 1/4th the loss, 1/2 the cost of electric . Make electricity from gas in homes with 85 efficiency . Supply the natural gas grid using converted biomass . Drive cars 22X further than ethanol by using biogas . Double the efficiency and reduce cost of electric cars . Clean up existing coal power plants raise efficiency . Underground electric transmission for no extra cost.



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Pros and Cons of Fossil Fuels. Fossil fuels are energy resources formed over millions of years from remains of dead plants and animals buried underneath sediment and rock. Subsequent decomposition without the presence of oxygen, coupled with naturally occurring heat beneath the earth and pressure from rock and dirt converted these dead plants and animal matter into fossil fuels. Fossil fuels are used throughout the world to power everything from cars to lights in the home. However, there is currently a lot of hot debate over the use of fossil fuels – is it right to use them? Are they safe to u Without fossil fuels, the most likely path that could lead to the development of a proper industrial revolution would eventually be nuclear power and renewables. This world would probably start with hydro-electric power, in which they then move on to nuclear as scientists living in the cities that build up around dams are able to discover more about nuclear physics that would allow this to be harnessed as a fuel source. While there are other questions that could be raised, how would air travel be developed in this sort of world? Burning fossil fuels puts carbon into the atmosphere, and the overwhelming view of scientists is that this leads to a buildup of greenhouse gases that results in global warming. To have a realistic prospect of preventing global temperatures from rising by more than the previously recognised danger threshold of 2C, scientists say it is not possible to burn all the proven fossil fuel reserves owned by companies and governments. Between two-thirds and four-fifths will need to be left in the ground. Without question, Africa’s energy consumption is going to rise. It has abundant reserves of coal – the most damaging of the fossil fuels – and nations such as Angola and Nigeria are significant oil exporters.