I believe producing and harnessing biogas is definitely something all homesteaders and folks wanting to live off-the-grid should seriously look into and consider. This DIY biogas generator produces enough gas each day for cooking, providing you can top it up with around 15 pounds of food/garden waste each day. This may be difficult for a lot of people, but if you keep animals, grow your own food, have a large family or have neighbours who can help, you should be able to produce enough gas for cooking on each day...

This biogas generator is much more low-tech and easier to build and use than I think most people will imagine. I highly recommend you head over to 'Off Grid Quest' and check out how it is built and exactly how and why it works.

*(Image from: Off Grid Quest)*