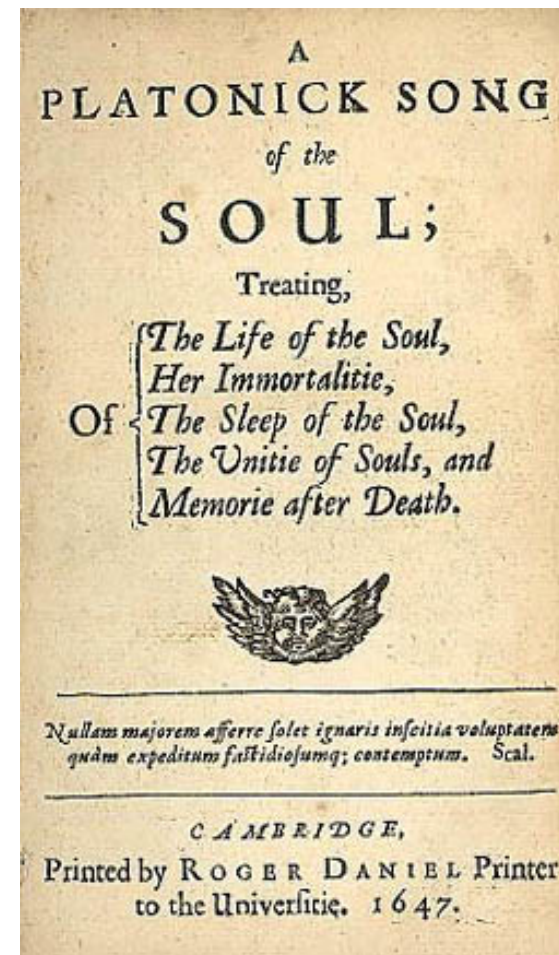


**Energie is the operation, efflux or activity of any being:
as the light of the Sunne is the energie of the Sunne, and
every phantasm of the soul is the energie of the soul.**

**The first recorded definition of the term energy in English.
Henry More - *A Platonicall Song of the Soul* 1642. In these
poems, More uses the word “energie” many times.**



Arizona State University
SES 194

Energy in Everyday Life

What is energy?

Frank Timmes

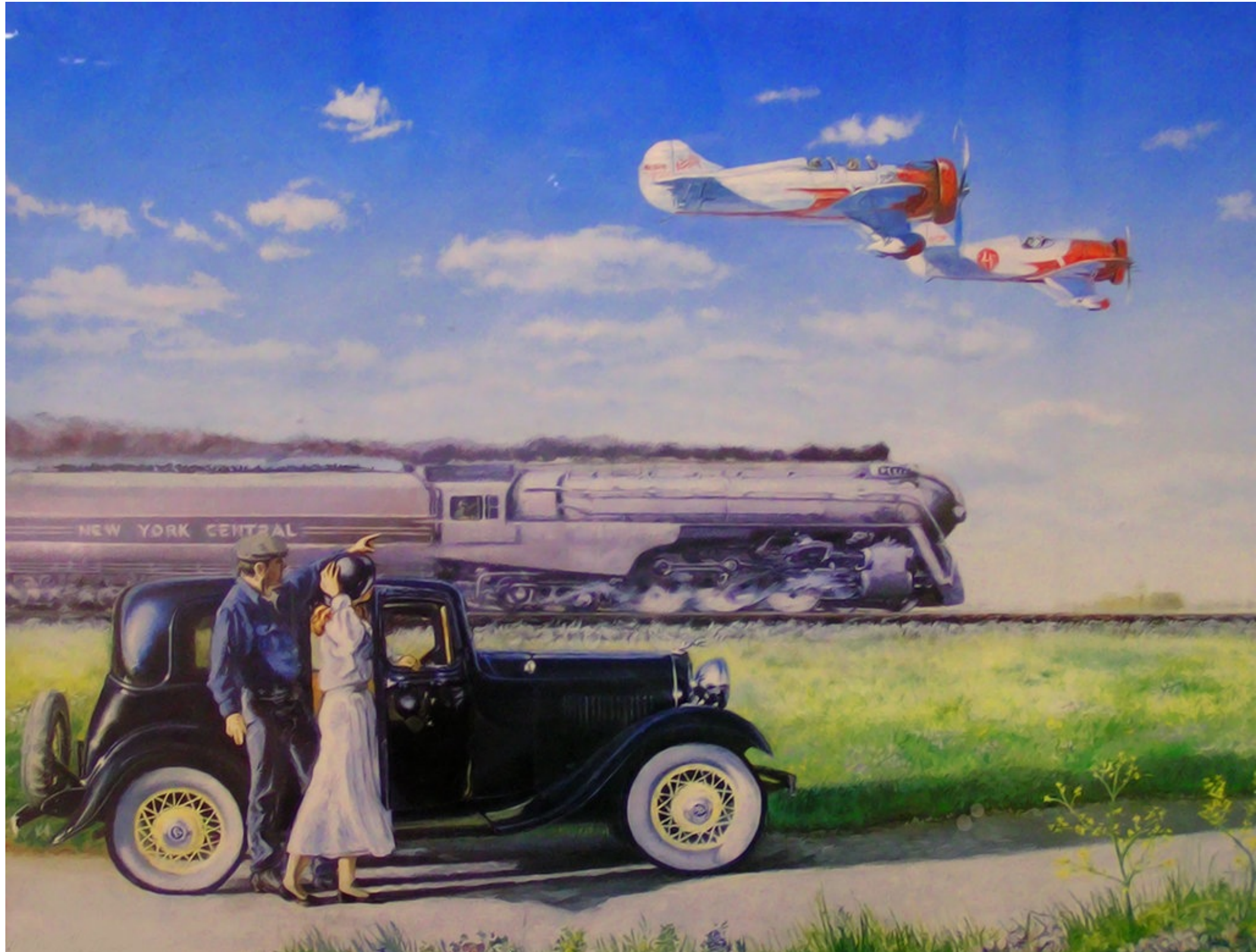
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Energy is one of the most basic parts of our everyday lives.

Energy lights our cities ...



... powers our cars, trains, planes, ships, and rockets ...



... warms our homes, cooks our food, plays our music, gives us pictures on television ...



... and powers machinery in factories and tractors on farms.

Energy from the sun gives us light during the day. It dries our clothes when they're hanging outside on a clothes line.



Solar energy helps plants grow. Solar energy stored in plants is eaten by animals, giving them energy. And predators eat their prey, which gives the predators energy.



Everything we do is connected to energy in one form or another.

What is energy?

What is energy?

Energy is the ability to do work.

This definition might seem non-sensical or even ridiculous.

The word “work” is generally understood to mean labor, toil, exertion, effort or employment. If we were speaking casually, we could use one of these meanings and each of us would know what the other meant.

The word “work” has a very different meanings when used in its technical sense.

To define the technical use of “work” we must first revisit the concepts of distance, speed, acceleration, and force.



versus

Energy is the capacity to do work.