

The Secret of the Sun
Absolute Worldwide Energy Independence
A Judaeo-Christian Perspective
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In the beginning of G-d's creation of the heavens and the earth.....G-d said: "Let there be light!" _ and there was light.

On the third day of Creation, G-d said: Let the Earth sprout vegetation: seed-bearing plants and trees and fruit that produce fruits with seeds according to their species on the Earth."

On the fourth day of Creation, G-d said, "The luminaries (sun and moon) shall be positioned ...to separate between the day and the night! They will serve as omens (signs)....and will determine the time of the Jewish Festivals."

In the process of G-d's Creation, life on Earth began before G-d positioned the sun and moon through photosynthesis and the Light (and energy) of the Creation.

On April 8, 2009 we walked outside our Synagogues and recited the blessing of *Bircat HaChammah* (the blessing of G-d who created the Creation.) This blessing is offered every 28 years corresponding to the *Machzor gadol* or "great cycle." According to Jewish tradition this 28 year cycle synchronizes the Sun and Earth at the precise vernal equinox at the time of the placement of the luminaries in the heavens on the fourth day of creation.

This past *Bircat HaChammah* is extremely significant. This year *Bircat HaChammah* fell on Erev Pesach or the first night of Passover. Through out history, the occurrence of *Bircat HaChammah* on the first night of Passover has occurred only 12 times. This is a sign. The symbolism is the original exodus from slavery in Egypt and now the Exodus from the slavery of nations to other nations holding vast reserves of oil and other fossil fuels.

Numerous references in Torah, Tanach, and Oral Tradition teach us of G-d's infinite energy. The Sun is the secret. Therefore, every 28 years we bless G-d who created the Sun and strive to learn the secrets of its energy.

The Zohar teaches us that numerical equivalency of Hebrew words is a sign that two things are related to one another. The Zohar points out that the Hebrew words for "light" and "secret" are numerically equivalent. Further, the Hebrew word for energy is equivalent to 28 which is the period of the *Machzor gadol* as marked by the *Bircat HaChammah*.

The Rabbis explain that light made on the first day was "hidden for the righteous in the

world to come." This light (and energy) preceded the light (and energy) produced by the Sun and reflected by the Moon.

Isaiah 60:19-20 says: "You will no longer need the sun for daylight nor the moon to shine at night. G-d will always be your light, and your G-d will be your glory. Your sun will never set and your moon will never be eclipsed (by another nation,) for G-d will always be your light (and source of power.) Your days of mourning will come to an end."

Three hundred and twenty five years ago, Sir Isaac Newton showed us how to travel to the moon with his theories of gravity, inertia, and $F = MA$ (force = mass X acceleration.) In 1960, John Fitzgerald Kennedy challenged America to build the technology to take American's to the moon and bring them back alive as Newton predicted. We did it in less than ten years.

One hundred years ago, Albert Einstein unlocked the secret to G-d's infinite energy. He determined that Mass and Energy are convertible. In other words, Mass and Energy are different forms of the same thing. The mathematical expression of Mass and Energy is stated as $E=MC^2$. This means Mass can be converted to Energy and Energy can be converted to Mass.

The Sun does this through a process known as nuclear fusion.

Through the process of controlled nuclear fusion, one gram of matter can be converted into the equal amount of energy provided by over 2,400 gallons of gasoline. That equates to over 57,000 miles per gram of matter in an electric car charged on the grid powered by fusion energy.

Now, let us assume a dynamic and visionary leader of the United States challenges America to build the technology to make scalable fusion energy reality. Remember, by converting one gram of matter, we create the equivalent energy of 2,400 gallons of gasoline. Scientists agree this is possible in less than thirty years, before the next blessing of G-d who created the Sun. We can create hundreds of thousands or millions of tiny little suns on Earth. Once the technology is developed the cost of the fuel source is pennies per gram.

Consider the impact total and complete World Energy independence will have on the balance of power in the Middle East within the context of Iran's Ahmadinejad's Statement of September 23, 2008 before the UN wherein he parroted Hitler, blaming Jews the world over for all the World's problems, and effectively calling for the disintegration of the "cesspool Israel" and by extension the U. S.

Consider the impact on global warming if fossil fuels are no longer being burned. Problem solved. End of discussion.

Consider the societal implications as America becomes reborn again with a mission in the world even grander than Kennedy's moon challenge. America has a history of rising to its challenges. Education will be fixed. Thousands of new companies will be formed each contributing in its small way to the project. Hundreds of thousands of new high paying jobs will be created. Americans will again acquire a sense of country, duty and a sense of purposefulness in the world. America will reassert its world wide preeminence.