

Abstract Submitted
for the MAR08 Meeting of
The American Physical Society

Why Not Solar Power? REEJU POKHAREL, PETER SHELDON,
Randolph College (founded as Randolph-Macon Woman's College) — Most of the world generally depends on energy sources such as fossil fuels and nuclear power to meet our energy consumption needs. As we all know, the excessive use of these resources has large environmental impacts, including displacing habitats, pollution, global warming, and scarcity of resources. Solar power is a clean form of energy that has the potential to fulfill our energy needs while balancing the natural state of our environment. So why do we not power our houses with solar energy? I will give a general overview of the working principles of commercially available solar power, and examine the issues relating to why we should use it and why we currently do not.

Peter Sheldon
Randolph College

Date submitted: 25 Nov 2007

Electronic form version 1.4