

- Scientists from WHO conducted a research in 2007 regarding effects on exposure to ELF-EMF
  - They stated that EMFs are composed of electric and magnetic fields.
  - Electric fields are generated by voltage and magnetic fields are generated by electric current
  - The relatively low voltages in a solar facility and the fact that electric fields are easily shielded (i.e., blocked) by common materials, such as plastic, metal, or soil means that there is no concern of negative health impacts from the electric fields generated by a solar facility.
  - In October 2005, WHO gathered a task group of scientific efforts to perform a health assessment on whether there were any risks to health that might exist from exposure to ELF electric and magnetic fields.
    - They tested to see the effects on human health from exposure to ELF in the frequency range from 0 hz to 100,000 hz
    - The task group concluded that there were no substantive health issues related to ELF electric fields at levels that were normally encountered by humans on a daily basis.
- Electricity from solar panels and transmission to the power grid emits extremely weak electromagnetic fields. Exposure to low-level electromagnetic fields has been studied extensively, and there is no evidence that it is harmful to human health, according to the WHO.

Summary – Based on the information provided above, PV panels generate electromagnetic fields, also known as radiation. Based on studies conducted, the EMFs that are generated from these panels are at extremely low frequencies and have shown no evidence of effects on human health.