

In general, all of the research conducted world-wide to date has not been able to prove any direct causal link between electric and magnetic fields and adverse health effects. However, extensive research and studies continue to be funded in this field of study. While the average magnetic field levels found in residential settings across the country can range between 0.1 and 4 mg (milligauss), levels near some high magnetic field sources can be above these averages. Being located near electric power lines including the premise service cable may sometimes contribute to the background EMF levels that exist. However, any increased levels are generally insignificant in comparison to levels posed by residential wiring, appliances and other consumer loads in the premise. For example, measurements taken near the electric meter and the circuit breaker panel and certain high field appliances in any home will usually be far in excess of the levels posed by any nearby power lines. Because of the lack of scientific evidence of a direct health and safety impact associated with electric and magnetic fields, there exists no standards defining what is an acceptable exposure level. In the meantime, feel free to visit the following websites and review the attached documents which provide extensive information about EMF issues:

PSE&G Brochure about Electric & Magnetic Fields

The World Health Organization - International EMF Project

<http://www.who.int/peh-emf/en/>

<http://www.who.int/peh-emf/publications/facts/fs322/en/index.html>

U.S. National Institute of Environmental Health Sciences (NIEHS)

<http://www.niehs.nih.gov/health/topics/agents/emf/>

http://www.niehs.nih.gov/health/materials/electric_and_magnetic_fields_associated_with_the_use_of_electric_power_questions_and_answers_english_508.pdf

U.S. Environmental Protection Agency (USEPA)

<https://www3.epa.gov/radtown/electric-magnetic-fields.html>

National Cancer Institute (NCI)

<http://www.cancer.gov/cancertopics/factsheet/Risk/magnetic-fields>

New Jersey Department of Environmental Protection (NJDEP)

<http://www.nj.gov/dep/rpp/nrs/>

<http://www.nj.gov/dep/rpp/nrs/powlines.htm>

Health Canada

<http://www.hc-sc.gc.ca/hl-vs/iyh-vsv/environ/magnet-eng.php>

Swedish Radiation Protection Authority (SSI)

http://www.who.int/peh-emf/publications/reports/SWEDENssi_rapp_2007.pdf

Electric Power Research Institute (EPRI) EMF Public Information

<http://www.epri.com/emf/>

Electromagnetic Fields and Human Health , Dr. John E. Moulder, Ph.D.

Sense about Science: Making Sense of Radiation