

## Bumps in the Night!!!!

### Paranormal "U"

#### Dirty Electricity

##### *The Hidden Dangers Series*

Angela Sangster, TnT Paranormal Investigators LLC

(link to article on TnT website): <http://www.tntparanormal.com/apps/forums/topics/show/5178345-dirty-electricity-and-emf>

(link to further discussion at Talk Paranormal): <http://www.talkparanormal.com/thread-11390.html>

I had never thought of electricity being "dirty" or "clean" until I took a class on home repair this last year. However, it is something that a lot of people don't realize can affect them in their own homes with the electricity running through.

"Dirty" electricity is not a scientific term but rather one used by electricians and utility workers to describe electricity that has been corrupted by transients (or surges) in electrical wiring. It can be caused by natural means (such as lightning) or man-made (such as faulty mechanisms in the utility company's system) This travels with the "clean" electricity that is daily being conducted through wires and into our homes.

Many of our appliances run on AC (alternating currents; DC or direct currents originate from such things as batteries and cell towers) and these alternating currents create a magnetic field that generally stays at 50 60 Hz. However, when transients are present, it will spike, which has been thought to relate to many health problems and is known to effect the ability of appliances to run efficiently.

There are those who are studying the correlation between energy efficient electrical appliances (whose makers "chop" the AC voltages to run in short bursts rather than a continual flow) and the increase in these transients or power surges. These surges often go undetected until a circuit breaker blows.

As investigators it is essential to educate ourselves on all possible natural causes for things, especially if we are going to be using EMF meters. While the term itself is a bit controversial, (because it doesn't take a thesaurus to pronounce probably), "dirty" electricity is present many times in a home and can cause some spikes that may not seem to have a specific cause. Mini-surges are not always detected but can still cause problems with electricity...something that is often mentioned in claims of paranormal.

A link to some interesting reading on EMF and its possible effects: <http://www.wireless-precaution.com/main/powerline.php>

To present the other side...studies in relation to the health effects of EMF have their controversy to be sure, but even the *Journal of Exposure Science and Environmental Epidemiology* concurs that further studies need to be done. The issue, it seems with the health effects is that many of the studies saying that EMF exposure is harmful have their own agendas and biases which are thought to have effect on how the data is interpreted and presented. That was not ever meant to say that it should be ruled out nor was it intended to say that there are NO effects. It is also important to note that countries such as China, Switzerland and Russia have taken the issue seriously enough to impose regulations on daily exposure.

For further information on causes of "dirty" electricity, please check this link at <http://www.dirtyelectricity.ca/causes.htm>.