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The Biological Effects of Dirty Electricity with Special Emphasis on  
Diabetes and Multiple Sclerosis.

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ABSTRACT

Studies of the biological effects of electromagnetic energy have focused largely on two areas of the electromagnetic spectrum: extremely low frequency electromagnetic fields (50/60 Hz) and radio frequency radiation (0.8 to 5 GHz). Intermediate frequencies in the kHz range, which are associated with poor power quality, have received relatively little attention from biologists despite the fact that power quality is a serious and growing concern for utilities. Transients and harmonics, two key contributors to poor power quality, are known to interfere with sensitive electronic equipment. This form of energy, referred to as dirty electricity, also affects living organisms. Capacitors that reduce frequencies within the 4 to 100 kHz range were installed in homes and residents recorded their health and wellbeing. Symptoms associated with electrical hypersensitivity (including poor sleep, fatigue, inability to concentrate, anxiety, tinnitus, among others) decreased when the dirty electricity was reduced. Both type 1 and type 2 diabetics participated in this study and their fasting plasma glucose levels were lower after capacitors were installed. Those on medication required less insulin. Sensitive subjects recorded changes in their blood sugar within 50 minutes as they moved back and forth between an electrically *dirty* and an electrically *clean* environment. Subjects with progressive multiple sclerosis noticed a lessening of their symptoms (tremors, fatigue, dizziness) and several were able to walk unassisted within a few days to week. Their progress is documented on video. The microsurge meter and the Graham//Stetzer filters, used in this study, enable scientists to quantify the dirty electricity and to monitor the effects of this energy without increasing exposure of sensitive subjects. These results are dramatic and warrant further investigation. If they are representative of what is happening worldwide, then dirty electricity is adversely affecting the lives of millions of people and may be contributing to the increase of diabetes, multiple sclerosis, electrical hypersensitivity and possible other illnesses.