



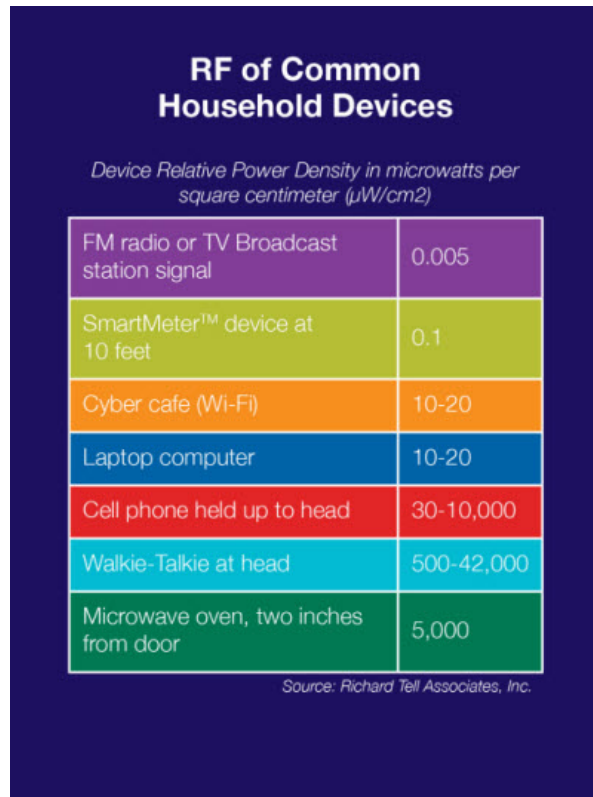
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### Smart Energy Solutions

## Safety and security

National Grid is committed to providing safe and reliable electricity to customers. We abide by the strictest guidelines for customer data privacy, data security and safety for our customers and employees.

As part of the Smart Energy Solutions program, National Grid is replacing your current meter with a smart meter by the manufacturer Itron. These meters are wireless devices that operate for an average of one or two minutes each day on low power radio waves, similar to other household devices like cordless phones, televisions, Wi-Fi, laptops, video game consoles, and baby monitors.



This equipment has been certified by the United States Federal Communications Commission (FCC) and assumes compliance with government safety standards. In addition, the following organizations have found no adverse threats from smart meters:

- World Health Organization
- Federal Communications Commission (FCC)
- U.S Food and Drug Administration
- Electric Power Research Institute

Additional Resources:

- [Safety and Security FAQs](#)

- [Safety and Security Factsheet](#)
- [Safety and Security TriFold](#)
- ["No Health Threat from Smart Meters" – Utilities Telecom Council](#)

**Source:** Utilities Telecom Council (UTC)      **Date:** December 17, 2012

**Document:** "No Health Threat from Smart Meters" excerpt from UTC JOURNAL

**Author:** Klaus Bender, PE, Director of Standards & Engineering

**Safety Remarks:** "...there is no demonstrated long-term impact of low level non-ionizing energy on humans. Ionizing energy, beginning with the ultraviolet component of sunlight, has been demonstrated to have long term impact, but the frequencies cited in this report are hundreds of orders of magnitude below that of sunlight. Therefore, this shows that the often-quoted sources in the media expressing concern about the RF safety from smart meters are shown to be based on faulty logic, or faulty "facts" and misrepresentations. "In summary, there is no known long term health effect from exposure to RF energy at levels below those designated by the FCC. This energy is all around and the energy associated with smart meters is far less than those of other common services and equipment."

- ["Report on Health and Radiofrequency Electromagnetic Fields from Advanced Meters" – Public Utility Commission of Texas](#)

**Source:** Public Utility Commission of Texas      **Date:** Quarter 4, 2010

**Document:** "Report on Health and Radiofrequency Electromagnetic Fields from Advanced Meters"

**Author:** Rivaldo, Infrastructure & Reliability Division

**Safety Remarks:** "Staff has determined that the large body of scientific research reveals no definite or proven biological effects from exposure to low-level RF signals. Further, Staff found no credible evidence to suggest that advanced meters emit harmful amounts of EMF."

- ["Letter to Sage Associates Environmental Consultants" – Federal Communications Commission \(FCC\)](#)

**Source:** Communications Commission (FCC)      **Date:** August 6, 2010

**Document:** "Letter to Sage Associates Environmental Consultants"

**Author:** Julius P. Knapp, Chief, Office of Engineering and Technology

**Safety Remarks:** "...compliance for Smart Meters is determined according to the operating and installation requirements of each type meter during equipment certification...necessary installation requirements to maintain compliance for each meter are specified...(so that the meters) will be compliant with public exposure limits. These conditions for compliance are required to be met..."

- ["A Discussion of Smart Meter and RF Exposure Issues" – Edison Electric Institute \(EEI\)](#)

**Source:** Edison Electric Institute (EEI)      **Date:** March 2011

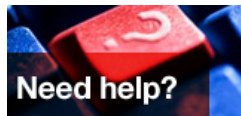
**Document:** "A Discussion of Smart Meter and RF Exposure Issues"

**Author:** E. Queen – a joint project white paper of the EEI and AEIC Meter Committees

**Safety Remarks:** "...All Smart Meter radio devices must be certified to the FCC's Rules... Smart Meter exposures even at close range and with exaggerated duty cycle are many times less than other household devices and are compliant with FCC limitations..."

Other Resources:

- [Smart Energy Solutions Frequently Asked Questions \(FAQs\)](#)
- [Glossary of Key Terms](#)
- Information in Spanish
- [My National Grids](#)



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