

Around the House

Electrical Article #11 – How Electricity Gets to Your Home

Headline

Be the Envy of Your Neighbors...Learn More Useful Facts About Your Home.

Subhead

You think traveling sales people log a lot of miles? Wait 'til you see how far electricity has to travel every single day...just to get to your home.

Text

You read by it. Cook, clean and wash with it. Cool yourself off and vacuum up the crumbs with it.

Electricity...it's a beautiful thing. And mostly, we take it for granted. Not that there's anything *wrong* with that, mind you. But haven't you ever secretly wondered exactly how electricity gets to your home? If so, then at long last your curiosity is about to be satisfied!

- The process begins at **giant power plants**, each of them connected to others so if one shuts down, power can readily be obtained from another. Together, these plants form the "**power grid.**"
- Electrical power plants can be powered by coal, natural gas, water or wind.
- Once manufactured, the current is sent through **transformers** to increase the voltage to push the power over long distances...up to hundreds of miles.
- The electrical charge then passes through high-voltage **transmission lines** that stretch across the country.

- Electricity then reaches a **substation** which lowers the voltage for safe passage through smaller power lines.
- From these smaller power lines, electricity passes through **distribution lines** to your neighborhood, where smaller pole-top transformers again reduce the voltage.
- These distribution lines connect to your house through a **service drop** which then transfers the electricity to your **meter**.
- Next comes your **service panel**, where breakers or fuses protect your wiring from power overloads.
- Finally, electricity travels through wires to the outlets and switches you routinely rely on.

Still hungry for more? Okay then...here's yet **another** fun fact to flaunt before friends and family:

The term "**electric**" was first used by **William Gilbert** (1544 – 1603), personal physician to **Queen Elizabeth I** of England. His groundbreaking research added greatly to knowledge first acquired by ancient Greeks as far back as 600 BC. The gilbert unit of magnetomotive power is named in his honor.

The moral of our story? Actually, we don't really have one. But **we do have 3 money-saving coupons** we invite you to use today, tomorrow, or whenever you might need the home comfort services of (company name)...**"Around the House."**

Main Coupon

Wiring Inspection

Save \$50...

...on a complete in-home wiring inspection. This offer may not be combined with any other discount or promotion.

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Teaser Copy

Inside This Issue of “Around the House”...

Come on, admit it. You don't *really* know how electricity gets to your home, do you?
Join us now for a **highly informative electrical flight of fancy.**

Plus...3 coupons you can use now.