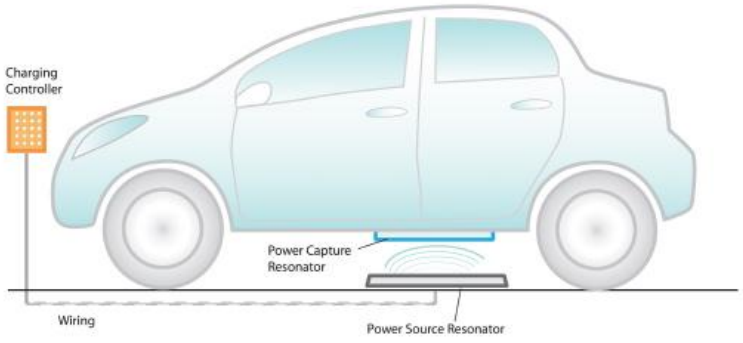
Nancy White

This article is another example of how WiTricity is being used in today society. WiTricity Corp. is partnering with Delphi Automotive to create a wireless charging mat for cars. They compare that the company WiTricity that makes "wireless energy transfer technology," for electricity is to what WiFi is to the Internet. The company can safely transmit as much as a few kilowatts over a couple meters at this point. The partnership is ultimately so the companies and create a charging mats that would sit on the garage floor or are embedded into the pavement of parking lots. This would make it unnecessary to plug in an electric car. The focus of the collaboration is to establish a global infrastructure for safe and convenient charging options for electric vehicles. The WiTricity technology requires that there is a copper coil in the floor, which conducts electricity through magnetic coupled resonance, which would pair with another copper coil in the bottom of the car.

The other leading company that WiTricity has partnered with is the Chinese electronics company Haier. They have developed a WiTricity-enabled home entertainment system that came out in late 2010. This system includes a single plug that would be the WiTricity power source that would send its energy to a flat screen TV, DVD player, and other electronics that may be connected to the WiTricity. At the 2010 Consumer Electronics Show Haier did in fact show this technology off. They were able to send 100 watts of energy at a distance of 1 meter. The receiving coil on the TV was 1 foot by 1 foot. The thickness of the coil increases as the distance from the WiTricity box increases. This is another example of WiTricity's practical usage, and with more research I feel it should be able to become a part of everyday life.



Sources:
http://www.greenoptimistic.com/2010/01/13/haier-whdi-wireless-tv/
http://www.boston.com/business/technology/innoeco/2010/09/witricity_announces_first_big.html