Service Framework for Public Wireless Electric Charging

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***(Pt9)Abstract*— Wireless power transfer (WPT) is a technology of transferring electricity from the electric power source to other devices without the need for intermediate media such as cable and plugs. There many standards developed to provide wireless power charging. With this technologies, it would be very effective if the public can provide wireless charging service to the mobile devices which can ease the burden in carrying extra batteries and electric adaptors. For this, public needs to provide service framework which consists of charging service control and management, reliable authentication/authorization, fare-charging policy, etc. This paper proposes service framework and service flow to be considered for proving wireless power transfer in the public space.**

***(Pt9)Keyword*— Service Framework, Wireless Power Transfer**

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Topic of interests includes WPT, multimedia delivery, peer-to-peer communication, multicasting, future network, and Internet routing.