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MEDIA INDEPENDENT PROTOCOL SUITE FOR ENERGY MANAGEMENT SYSTEMS BASED ON SHORT RANGE DEVICES

ABSTRACT *This paper presents a new routing protocol which is dedicated for Smart Grid communication solution. This protocol is an adaptation of the flooding protocol, which was needed to work in the point-to-point transmission mode. The presented protocol is intended for the same hardware solution as in sensor networks but with a different approach to the energy efficiency, it is why this protocol was called energy greedy quasi-flooding. The presented protocol can be used in the communication network independently from a media type.*

Keywords: *Energy Management, Sensor Networks, Smart Grid*