**IEEE 802.24**

**Smart Grid TAG**

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| Project | IEEE 802.24 Smart Grid TAG |
| Title |  |
| Date Submitted | [March 20, 2013] |
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| Re: | [] |
| Abstract | [Text for inclusion of O-QPSK PHY from IEEE Std. 802.15.4-2011 in the list smart grid IEEE 802.15 standards] |
| Purpose | [] |
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# Introduction

The following section provides the text for inclusion in Section 4.4 of the document (#24-12-0033-XX) defining a list of 802 and related standards that provide solutions for smart grid Networks.

# Proposed text

*The proposed text in provided in the following paragraph. The editor is requested to make any necessary modifications to adapt the proposed text to the targeted document:*

**802.24-WG15-3**

* **O-QPSK PHY in IEEE Std 802.15.4™-2011: Low-Rate Wireless Personal Area Networks (LR-WPANs)**IEEE Std 802.15.4-2011 defines the physical layer (PHY) and medium access control (MAC) sublayer specifications for low-data-rate wireless connectivity with fixed, portable, and moving devices. O-QPSK PHY specified in Clause 10 of this standard defines a direct sequence spread spectrum (DSSS) PHY employing offset quadrature phase shift keying (O-QPSK) modulation. O-QPSK PHY is widely deployed for home area networking and smart metering applications.