



Date: 29 Feb 2024

To,
The Chairman
IEC TC 13
International Electro Technical Commission

Subject: Development & deployment of Indigenous Test tool for testing of Smart & DLMS energy meter

Sir,

This has reference to the captioned subject. In this matter, it is to inform that the Bureau of Indian Standards has adopted some of the standards of IEC 62056 series as National Standards. At present, assessment of implementation conforming to IEC 62056 Conformance test tool (CTT) is mentioned in Indian standard IS 15959 - Data exchange for electricity meter reading, tariff, and load control.

The Ministry of Electronics and Information Technology, Government of India has developed an indigenous testing tool SMITHA (Smart Meter Integrated Testing and Higher Analysis) which has also been validated for assessment of implementation conforming to IEC 62056 set of standards that comprises of two functional modules. The first module is the DLMS/COSEM conformance testing module, akin to DLMS CTT, while the other module is for parameter verification to ensure compliance with Indian standards IS 15959 - Data exchange for electricity meter reading, tariff, and load control (copy attached). We are now incorporating Indigenous test tool SMITHA (Smart Meter Integrated Testing and Higher Analysis) for assessment of implementation conforming to IEC 62056.

In this regard, our understanding is that member countries can leverage content from DLMS (coloured books) for creating indigenous test tools to assess implementations conforming to the IEC 62056 standards. We will be pleased to receive your feedback/suggestion on this. Additionally, we kindly request your comments within two weeks.

Your prompt attention to this matter would be greatly appreciated.

With regards,

Yours sincerely,

Asit Kumar Maharana
29/02/2024

(Asit Kumar Maharana)

Head, Electrotechnical Department