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CCS L67

YD

**INDUSTRY STANDARD OF THE
PEOPLE'S REPUBLIC OF CHINA**

YD/T 6974-2026

**Application data transmission protocol technical requirements
of smart gas meter system based on NB-IoT**

基于NB-IoT的智能燃气表系统应用数据传输协议技术要求

(English Translation)

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Foreword

YD/T 6974-2026 is a recommended industry standard of the People's Republic of China in the Telecom sector, approved and issued by the Ministry of Industry and Information Technology on 1 June 2026, with effect from 1 September 2026.

It is administered by the China Communications Standards Association.

Classification: ICS 35.240.99; CCS L67.

1 Scope

This document sets technical requirements for the application data transmission protocol between terminals and platforms in a smart gas meter system based on narrow band internet of things (NB-IoT). It deals with the way meter terminals and the platform exchange application data.

It applies to the design, testing and acceptance of the interaction protocol between terminals and platforms in an internet of things smart gas meter system. Meter manufacturers, platform developers, gas utilities and test laboratories are the likely users. The standard is voluntary. The Ministry of Industry and Information Technology issued it on 1 June 2026, and it takes effect on 1 September 2026. It is a new standard and is one of a group of documents on NB-IoT smart gas meter systems.