

I n t e r n a t i o n a l T e l e c o m m u n i c a t i o n U n i o n

ITU-T

TELECOMMUNICATION
STANDARDIZATION SECTOR
OF ITU

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SERIES F: NON-TELEPHONE TELECOMMUNICATION
SERVICES

Multimedia services

Requirements and architecture for energy management services

Recommendation ITU-T F.747.9

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Recommendation ITU-T F.747.9

Requirements and architecture for energy management services

Summary

Recommendation ITU-T F.747.9 describes requirements, scenarios and functional architecture for user-side energy management service (EMS) where energy consumption equipment with heterogeneous metering and control capacities coexist. In user-side EMS systems, energy consumption data for both single device and device group need to be collected; these devices can be controlled by coarse-grained (on-off state) and fine-grained instructions. Furthermore, such operations are executed manually or automatically. The user-side EMS system makes energy-saving decisions based on multiple factors, such as the demands and optimization policies from users, pricing strategies from suppliers, government subsidies, device status.

History

Edition	Recommendation	Approval	Study Group	Unique ID*
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Heterogeneous devices, metering and control, user-side energy management.

* To access the Recommendation, type the URL <http://handle.itu.int/> in the address field of your web browser, followed by the Recommendation's unique ID. For example, <http://handle.itu.int/11.1002/1000/1830-en>.

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The approval of ITU-T Recommendations is covered by the procedure laid down in WTSA Resolution 1.

In some areas of information technology which fall within ITU-T's purview, the necessary standards are prepared on a collaborative basis with ISO and IEC.

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