

3GPP

Ongoing work on energy efficiency as service criteria (R19-20)

Scope -----



Since 3G, mobile networking standards are being standardised by 3GPP, enabling true world-wide interoperability. Currently, 3GPP is further developing the 5G standard – “beyond 5G” (B5G) – and starting to develop the 6G standard.

Energy efficiency is increasingly becoming a topic within 3GPP. Read more on the ongoing energy efficiency related efforts aimed at releases 19 and 20.

**READ MORE
ON RELEASE
19 & 20**



Relevance for EXIGENCE -----

The use cases and requirements defined for R19 (TR 22.882, TS 22.261, 6.15a) are relevant to **requirements and scenarios**, in order to build on top of existing ideas (e.g., expand to a multi-domain setting), rather than duplicate them. The ongoing work on key issues and solutions (TR 23.700-66) is relevant to **energy metrics, energy measurements, data collection, resource interconnectivity, orchestration, and energy optimisation**. The document is still in progress and therefore might also provide an outlet for EXIGENCE work – **standardisation** –, even though the time horizon is probably too short. The work planned within R20 is a continuation of the R19 work and therefore bears relevance to the same tasks: it should be monitored on behalf of **requirements and scenarios, energy metrics, energy measurements, data collection, resource interconnectivity, orchestration, and energy optimisation**, but more importantly it provides an opportunity to contribute to **standardisation** (as evidenced by the contributions to TR 22.883).