3GPP TSG-RAN WG3 Meeting #127-bis R3-252322

Wuhan, China, 7-11 April, 2025

**Title: Reply LS on energy saving indication from CN to RAN**

**Response to: LS R3-250024/** **S2-2413034 on energy saving indication from CN to RAN from SA2**

**Release: Rel-19**

**Work Item: Netw\_Energy\_NR\_enh-Core**

Source: RAN3

**To: SA2**

**Cc: RAN2**

**Contact person: Feng Han**

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**Send any reply LS to: 3GPP Liaisons Coordinator,** [**mailto:3GPPLiaison@etsi.org**](mailto:3GPPLiaison@etsi.org)

**Attachments:** None

# 1 Overall description

RAN3 thanks SA2 for their LS on energy saving indication from CN to RAN.

RAN3 discussed the open points with RAN3 impact captured in 23.501CR5739. There were different opinions below:

* majority companies think that legacy mechanisms e.g., QoS and/or slicing can serve the same purpose.
* some other companies think that the indicator is needed to apply differentiated strategy which cannot be achieved with the legacy mechanism. For example, it can enable the RAN to react to excessive network energy consumption and serve UEs in a more energy efficient way e.g., at the cell edge. If provided, it will up to RAN implementation whether, when and how to use the indicator.

There is no consensus in RAN3 to introduce the Energy Saving Indicator in signalling from AMF to NG-RAN.

# 2 Actions

**To SA2:**

**ACTION:** RAN3 respectfully asks SA2 to take above information into account, and provide feedback if needed.

# 3 Dates of next RAN3 meetings

Updated meeting schedule can be found at: <https://portal.3gpp.org/?tbid=373&SubTB=381#/>

RAN3#128 2025-05-19 - 2025-05-23 Malta, MT

RAN3#129 2025-08-25 - 2025-08-29 Bangalore, IN

RAN3#129-bis 2025-10-13 - 2025-10-17 Prague, CZ

RAN3#130 2025-11-17 - 2025-11-21 Dallas, US