**SA WG2 Meeting #164 S2-2408990**

**Maastricht, Netherlands, 19 August – 23 August, 2024**

Title: [DRAFT] LS reply on RP-240825 per UE energy consumption in RAN

Response to: S2-2405847

Release: Rel-19

Work Item: FS\_EnergySys

Source: SA2

To: RAN, RAN1, RAN2, RAN4

Cc: SA, SA1,SA5

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Attachments:

**1. Overall Description:**

SA2 thanks RAN feedback in RP-240825. And would like to provide this LS to further update SA2 progress.

In Rel-19, SA2 has concluded to enhance the 5G architecture for end-to-end Energy Consumption (EC) information collection and calculation. The detailed conclusion is in TR 23.700-66 clause 8. The information is consisted of both RAN side and CN side EC information.

SA2 kindly informs the latest progress on this topic and asks RAN WGs to provide the feedback on this, if any.

**2. Actions:**

**To RAN, RAN1, RAN2, RAN4.**

**ACTION:** SA2 kindly asks RAN, RAN1, RAN2 and RAN4 to take the above information into account.

**3. Date of Next SA2 Meetings:**

3GPP SA2#165 14-18 October 2024 Hyderabad, India

3GPP SA2#166 18-22 November 2024 Orlando, America