Домашнее задание №2 21.09.23

1. The author's car lost 90 miles of range over three nights while parked in the California mountains.

2. The author compared the range lost while an EV is parked to a leaking fuel tank on an ICE vehicle to highlight the concern that excessive range loss while parked could be seen as a similar problem to having a leaking fuel tank, as both result in unexpected loss of energy or fuel.

3. Rivian responded to the issue of range loss when the vehicle is parked by explaining that they biased their computers towards instant drive-away availability, causing more parasitic loss while parked. They released an OTA update that reduced these losses by 15% after Motor Trend asked them about it.

4. Car reviewers face challenges when reviewing different EV models because the power application in EVs is often similar, lacking differences in feedback, noises, etc. This similarity can make it challenging to express distinctions between various EV models.

5. The author suggests alternative metrics to differentiate between EV models, including Battery Capacity Lost While Parked (BCLWP), Weather Range Loss (WRL), Weather Impact On Charging (WIOC), or other aspects that may impact EV performance and ownership experience. These metrics would provide more detailed information for potential EV buyers to consider. However, implementing such tests could increase the cost of reviewing EVs, which may be a challenge in the current climate of declining profit margins for print publications and online competition among reviewers.

6. (№2) "I mean that's just a bug with that particular model of car. My old Leaf loses barely 1% per week, my Tesla drains about 1% per day. So it's not a real problem for anyone other than Rivian owners. Rivian need to fix whatever the issue is. There's no weather impact on charging, the impact on charging is battery temperature. If you roll up to a charger cold, it takes longer. The only real stat that is important is range loss in cold weather. It should be fairly consistent across battery types but it is a stat that should be recorded and a standard developed for it. It's the one area where EV's do not shine, for sure."

I'd choose this comment because it offers a different perspective on the author's concerns and adds more information. The commenter disagrees with the author's view on range loss, suggesting it's specific to Rivian vehicles, not all EVs. They mention their experiences with different EVs like the Nissan Leaf and Tesla, which have varying rates of range loss. They clarify that weather doesn't affect charging directly, but rather battery temperature impacts charging times. Additionally, they suggest focusing on standardized measurement for range loss in cold weather, making this comment a valuable counterpoint with insights into EV performance.

7. (**ex. 26 p 11**)

   a. urban + planners = urban planners

   b. carbon + emissions = carbon emissions

   c. bus + lane = bus lane

   d. traffic + congestion = traffic congestion

   e. travel + services = travel services

   f. pedestrian + walkway = pedestrian walkway

   g. rail + networks = rail networks

   h. multi-modal + transport = multi-modal transport

   i. ride-sharing + services = ride-sharing services

   j. human + error = human error

8. (**ex.39 p 17**)

   a. She always makes him (do) everything she wants.

   b. They may (arrive) soon.

   c. It is better (to leave) than to stay.

   d. I'd rather (walk) than take a car.

   e. Why not (go) there at once.

   f. Will you (let) me (ask) a few questions?

   g. I didn't hear you (come in).

   h. Let's (go) out tonight.

i. Can you (help) me (do) this work?

j. We'd better (go) home as soon as possible.

k. Has anybody seen him (leave)?

l. I'd like (to go) on holiday in July.

m. She said she would never (tell) lies again.

n. People were made (to stay) indoors during the lockdown.

9. (**ex.40 p 17**)

a. We had to put on our overcoats because it was cold.

b. How dare you call me a liar?

c. They heard this girl cry out with joy.

d. I would rather stay at home today.

e. You look tired; you had better go home.

f. I was planning to do many things today.

g. Do not let us get worried.

h. What made you think so?

i. He was made to obey the rules.

j. Why not talk with her yourself?