

## LETTER TO EDITOR

### Questions need to be answered before moving entirely towards EVs

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The present world decided to move towards electric vehicles (EVs) than using fossil fuels-based vehicles (1), as the world is promising towards fossil fuel free vehicles by 2035 (2). are we really prepared for it? In general opinions, moving towards electric means, we are getting pollution free (3), but is it really so? Worth thinking about the problems ahead. Otherwise, we will be in the mess of middle of somewhere where we can't come back to the initial stage where we start from. Still how we generate electricity? Still, we use coal as a major source for the production of electricity in the developing world (4). Around two thirds of energy in the world is still generated from fossil fuels (5). Therefore, charging of EV means need more electricity generation, indirectly causing more pollution. In addition, many countries per capita energy consumption is very low (6). Many countries facing still electricity problems of load shedding, power cuts etc. (7, 8). Although we are drastically switching towards EV, the proper norms (rules and regulations) for operating EVs are lacking in most of the countries (9). Would it be a solution for all or solution for nothing? Are we running towards uncharted territory? Safety issue also exist for the safe charging and parking of the EVs besides, seasonal variation in world (summer, winter and monsoon) affects its efficiency predominantly (10, 11). As the batteries contains harmful substances (12) isn't the problem for its recycling or proper disposal for the environment? Charging, parking, maintenance, repair, waste management are important points to consider before entirely moving towards EV. Besides, training to increase number of skilled personnel for EV operation and maintenance is urgently needed.

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