

The Limited Contribution of Sustainable Resources in the Electricity Industry is a Challenge to Climate Targets

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Abstract:

In the world, only a few countries have managed to produce electrical energy using renewable resources as their main input, rather than fossil fuels and nuclear energy. From a consumption perspective, even fewer nations have been able to meet their needs using electric power first. The above is not trivial given that there is great concern worldwide about global warming, this because of the so-called greenhouse gases, and that efforts have been made internationally to contain the carbon footprint to acceptable levels, such as It can be seen in various forums that derive from the Paris Agreement and the United Nations Conferences of the Parties. The problem could seem simple if it were not for the fact that hydrocarbons are considered a relevant factor in the generation of gases that cause global warming, which could contradict the expectations in the use of electrical energy to benefit the environment and consequently the correspond to the electric car industry.

Keywords:

Climate change 1, fossil fuels 2, renewable resources 3, electricity 4.