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Green electricity is Fakepower

Electricity from wind, sun and biogas should supply Germany in the future. Politicians and the media praise this energy transition as the way to a better future: emissions of harmful exhaust gases are avoided, the air becomes cleaner, the environment is less damaged and electricity prices fall, because the sun does not send any bill. Ignorance and wishful thinking lead to such unfulfillable utterances. The reality shows a different picture. The energy transition is a fake action.

"Fake is called a faux, a fraud or a fake false facts. In a broader sense, fake is a term for the fraud associated with it. "This is what it says on Wikipedia. The German energy policy and especially the supply of green electricity (solar, wind, bioenergie) is a fake according to this definition. This will be explained by a number of examples.

Can Germany be supplied with 80 or even 100 percent green electricity?
This is not possible because with the weather-dependent, constantly fluctuating electricity from wind and solar systems, a stable grid frequency with the same phase is not possible. Even small deviations from the frequency and phase of the individual systems lead to a wave salad, that is, to the collapse of the network. At least 45 percent of the power must come from the big power plants whose turbines are synchronized. The small producers have to regulate their electricity to the frequency and phase of the power plants before being fed into the grid. Small deviations are then swallowed by the base load of the large power plants.
The turnaround itself is a fake. It is faked a goal that is technically impossible to achieve. Already today we have too much green electricity in strong wind and sunshine, which must be disposed of with additional payment. With every additional wind and solar system, more unusable electricity, fake electricity, is generated.

Electricity companies advertise with fake electricity
Almost all utilities offer green power, in some cases even cheaper than the normal mains power. The uninformed consumer is fooled that he would actually draw green electricity. But that is not technically possible. It receives the same power as its neighbour, which is supplied with the general mains power. Only in the fine print does he learn that his supplier has bought green electricity that was eventually fed into the grid.
The supply of green electricity as well as the allegation of the train, one would drive with green electricity through the country, if one owns a railway card, fully meet the fake definition. It is the fake of false facts.

The installed capacity of wind and solar plants reaches almost 90,000 megawatts
The required output in Germany is 40,000 to 80,000 megawatts, depending on the time of day and the day of the week. After that, a full supply of green electricity would have to be possible. But this simple calculation does not work, because the wind blows mostly too weak or not at all and the sun shines only during the day and is often covered by clouds. Thus, the average annual output of wind turbines is only 20 percent and of solar systems only 10 percent of installed capacity.
The installed capacity determines the investment costs. For steam power plants and wind generators you have to invest one million EUR for one megawatt of power. The wind generators do not reach their full power even in strong wind, because ground vortices or vortices by neighbouring turbines prevent a uniform blowing of the rotors. The conventional steam and gas power plants, on the other hand, can deliver their installed capacity at any time. The construction of wind generators with the same available annual output costs five times as much as that of steam power plants.
The performance of wind and solar systems, however, can not be planned. At night and during lulls, the performance is zero. It is about Fakepower (i.e. power and electricity).

Self-sufficient with Fakepower?
On September 13, the German TV ZDF brought in the Today broadcast a report on the North Sea island Borkum, which is to be fully supplied by the mayor in the future with wind power from the North Sea and solar roofs, so with Fake Power. Profiteers introduced battery storage for solar systems and in elementary school children built small wind generators that were powered by a few hair dryers. The children knew they needed to push the energy transition to prevent the evil rays of nuclear power plants and save the climate. Here, the indoctrination showed itself from its worst side, namely children to shape one-sided and wrong, in order to enforce their own ideological ideas.
The mayor of Borkum, as well as the employees of ZDF, only need to look around the world to see if a supply with Fakepower succeeds. There are a number of islands and villages that have tried that. The result was devastating in all cases. The tension fluctuated strongly. There were constant blackouts. The electricity costs increased to one euro per kilowatt hour. The autarky efforts had to be abandoned.
To the intuition already enough a trip to the island Pellworm. There, batteries were installed as storage, which can cover the power requirement for two weeks. But it is not dared to cut the power line to the island. The local electricity supplier, Schleswig-Holsteinische Netz AG, a subsidiary of E.ON, has since left the project. It is probably an additional business. The state of South Australia has shut down its sole coal power plant and is now supplied with 40 percent green electricity. The consequences are frequent power outages, which also cause rising costs.

Fakepower is expensive (electricity) and unreliable (power).
When do German government and German politicians realize this?

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attached: figures on german power station capacity
- actual state
- phase out nuclear power ending 2023 (fixed)
- phase out of coal power ending 2043-48 (planned)

Typ (GW)	2018	2023	2023 %
St-Kohle	26,2	27,2	30,4
Br-Kohle	21,6	21,6	24,1
Gas	27,2	28	31,3
KK	11,4	0	0,0
Öl/Abfall	4,5	4,5	5,0
Sonstige	2,7	2,7	3,0
Hydro	5,5	5,5	6,1
Summe	99,1	89,5	

Fakepower capacity actual
Wind 40GW (30.000 turbines)
Voltaik 43 GW
Biogas 5 GW

Germany will try to replace 54% of its capacity (steam-powered stations) by Fakepower within next 25-30 years!

Enquire further information by email from info@naeb.info