

From: smtprelay
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To: Statements
Subject: Statement of Position Submitted by Arthur Vallois

Statement of Position Submitted

Name

Arthur Vallois

Email

arthurvallois@gmail.com

Docket

E-100 Sub 157

Message

The energy sector is a major contributor to CO2 emissions and therefore has a great impact on climate change. The current plan from Duke Energy includes investments in renewable energies on a very small scale compared to (fracking) gas plants. This means that with such a plan there is no hope of achieving CO2 emissions reduction as needed to mitigate climate change effect. Especially, according to the IPCC special report of 2018, if we want to avoid reaching a 2C warming or more, it is essential to start cutting emissions greatly by 2030, which is impossible with the current plan. According to the same report, the consequences of such warming (peak and reaching 2C) would be terrible for the planet (and the South East of the US in particular). Furthermore, still according to the same report, investments in CO2 emissions reduction are lower if done earlier ; as well as expenses to mitigate the effects and damages from climate change are reduced if actions are taken as early as possible. I invite you to read that report (only 34 pages) if you have not done so already, before taking decisions on Duke Energy's IRP. In addition to the impact on CO2 emissions and climate change, it appears from several studies that the cost of production of renewable energies has already dropped below one from coal and gas, and is going to keep dropping every year. Also the technologies for both production and storage are evolving rapidly, increasing the productivity and efficiency of renewable energies. Therefore, investing largely in renewable energies now makes definitely more sense than investing in gas plants that are going to be both obsolete, less cost efficient for energy production, and expensive to dismantle by 2033. Renewable energies and technologies also have the benefit of developing long term qualified jobs locally. Also, even if fracking gas is currently rather cheap due to current legislation not taking into account its environmental impact, this could very well change with the next administrations. In which case the current plan would be even more absurd, while large investments in renewable energies can only get more cost-effective. We need a bold plan for the energy sector. Not only is it important for our environment and lifestyle, but it is economically sound (for the citizens). In conclusion, the current plan is made with a short term view, for maximizing profits for Duke Energy without taking into consideration the impact on the consumers, the citizens or the environment. Whether it is for creating quality local jobs, for reducing consumers' energy bills, to avoid future risks and costs, to reduce greatly our carbon emissions as quickly as possible, or not to slack behind all other

states moving forward with competitive technology and bold strategies... the IRP for 2019-2033 needs to include way more important investments in renewable energies (solar and wind mostly). Duke's interest lies in its own profit, not in peoples' benefits, which is understandable. But you are representing North Carolina's people and their interests and so I beg you to defend our right to a brighter future, for us and our children. Thank you for your consideration and your work, Best regards, Arthur Vallois

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