OFFICIAL COPY

### Mount, Gail

From:

JOHN STERLING <johnrsterling@gmail.com>

Sent: To: Sunday, February 21, 2016 5:11 PM

Statements

Subject:

Docket E-2 508 1089

FEB 2 2 2016

Clark's Office N.C. Utilities Commission

Please do not authorize such a large increase in generation capacity as requested by Duke. Rate-paying consumers will end up having to pay for a facility that will likely be obsolete way before the end of its expected life, perhaps before it is put into service. The world of energy use and generation is changing so rapidly, and the need to limit carbon emissions is so great, that we should not add to the carbon burden by committing to large increases in capacity with carbon-based fuels. Even though natural gas is somewhat cleaner that coal, it is still a major source of CO2 emissions.

John Sterling 210 Cherokee Road Asheville, NC 28804

815-739-6449

From:

Chrysse Everhart <cloverwoman@mail.com>

Sent:

Monday, February 22, 2016 7:00 AM

To: Subject: Statements E-2 Sub1089 FILED

FEB 2 2 2016

Hello, my own Utilities Commission:

Clark's Office
N.C. Uffilies Commission

As an entity of my government, you are a concern of mine. You are scheduled to consider the request of my local utility provider to overbuild our electric power plant. This concerns me on many fronts. First, because the expense will be passed on to consumers like myself more than to consumers in special business relationships with government or commercial entities, and because overbuilding power generation requires overbuilding reserve capacity, I think the current consideration on the table needs to be approached prudently. It could be scaled back— way back— or completed incrementally and only when, as, and IF needed.

The fourth item in the Commission's Mission Statement is promotion of least cost energy planning. Because renewables are becoming an increasingly viable source, overbuilding and overinvesting in a fossil-fuel dependent infrastructure is a short-sighted foray into early obsolesence. Your third item in your Mission Statement aims for utility service to be adequate—not overbuillt—reliable, and economical—not overburdened by overspending on the part of a grandiose power company. Just and reasonable rates and conservation of energy, harmony between utility companies and consumers, and PLANNED growth are also items in your Mission Statement which are unsupported by Duke Energy's plans to overspend on natural gas infrastructure rather than realistically using the minimum necessary of that technology as a transitional phase between coal and renewables.

Thank you for your attention to this matter and, I hope, to this message.

Chrysse Everhart 22 Riverwood Road Swananoa, NC 28778 828-335-8422

From:

Philip J. Bisesi, PE <all@aconsultingengineer.com>

Sent:

Sunday, February 21, 2016 6:40 PM

To:

Statements

Subject:

Docket E-2 Sub 1089-I support clean energy, not over-reliance on gas

FILED

FEB 2 2 2016

Dear NC Utilities Commission,

Clark's Office N.C. Utilities Commission

The only sustainable response to global warming is 100% renewable energy for electrical generation. As i said TO: NC Utilities Commission / Duke Energy Skyland Plant Modernization Permit Hearing 26 January 2016:

See my presentation on YouTube.com/watch?v=Br7ltF\_6HiE. Fast forward to 2:20.

A SUSTAINABLE PLAN FOR 100% RENEWABLE ELECTRICAL POWER GENERATION AT LAKE JULIAN I am Philip J. Bisesi, PE, Energy specialty, speaking from an integrative viewpoint. My environmental and social justice advocacy is driven by membership in the Physicians for Social Responsibility, Sierra Club, Citizens Climate Lobby, Creation Care Alliance of WNC, 350.org, Move to Amend, Transition Asheville and others.

Earth receives abundant energy from the sun, wind and waters. HARVEST NATURE, DO NOT FIGHT IT. Attitudes and policies must change from exploit the earth and colonize our neighbors to LOVE CREATION. Each of us, using energy and resources wisely can change our lives to be more peaceful at a lower total cost to all.

I am presenting a plan for 100% renewable energy generated electricity at Lake Julian. Replacing smokestacks with a very tall, large wind power generator, a properly sized solar collector array and state of the art battery backup is feasible, when studied for total cost and benefit to customers and the community. Just imagine: Looking at a windmill instead of smokestacks and seeing that Duke Energy serves the public first. A DUKE ENERGY ECOLGICAL PARK with clean air, water and land will be a community asset that promotes good will. Gas fired boilers or turbines should replace the coal boilers at Cliffside. The existing peaking units may stay at Lake Julian if they use best available technology to minimize pollution. Coal, wood, gas or oil must not be used in the future to generate electricity. The Broad River will be too warm to make a nuclear plant in Gaffney effective.

All projects must be justified with 30+ year life-cycle cost studies, considering first cost, operating cost, environmental impact and all externalities such as consequential health care costs and cumulative effects. The common good is a primary factor. Sickness is caused by radiation, pollutants, chemicals, food and much more.

A SUSTAINABLE POWER PLAN will use renewable energy, new and recommissioned hydro-electric plants, distributed generation, combined heat and power strategies, energy efficiency, KW demand control, and a smart grid. Waste digester gas should be used, not "fracked" gas to supplement "natural gas". Duke Energy peaks on cold winter nights. It would be less expensive and better for the environment to promote efficient furnaces with heat pumps for homes, than to burn fuel, generate electricity and then convert the electricity to home heating.

North Carolina has been a leader in energy efficiency and renewable energy. We must go back to basics. Good science and engineering, guided by a love of nature, society wide total economics, and living by basic principles and ethics, not just doing the minimum that the law requires (for the maximum profit) will improve lives. May all of us stop dualistic thinking, start reasoning and dialoging to promote holistic thinking. We then will follow the laws of nature, stop polluting and wasting, get back to effective healthy living; because we LOVE CREATION. That's THE BIG PAYBACK TO SOCIETY. We must do it for our environment, our health, our families, and the future.

Thank you for the opportunity to comment on Duke Energy's application for a certificate of public convenience and necessity to build three new natural gas units in Asheville, NC.

While I believe it is good news that there's an end in sight to coal ash, sulfur dioxide, and carbon pollution from this coal-fired plant, replacing it with an over-sized gas plant is not the vision we hold for a clean energy economy here in North Carolina.

I strongly support replacing all of the retiring plant's capacity as possible with clean, renewable energy. Duke's proposed 15 MW of solar are a great first step, but needs to be larger. The proposed 5 MW of storage is a potential game-changer, and I strongly support this forward-thinking investment be made on a larger scale.

Duke Energy needs to publicly demonstrate how it projects the future energy needs for western North Carolina. Historically, Duke has overestimated electricity demands, as compared to actual experience, and has favored building new power plants which drive profits for its shareholders.

I do not want my money wasted on an overly large, unnecessarily expensive power plant when low cost, job creating energy efficiency programs are a viable option to reduce our energy demand. Thirty percent of the energy use that goes into our buildings is wasted from air leaks, poor insulation, outdated appliances and inefficient or malfunctioning equipment. We should fix those problems before committing to such a large natural-gas-infrastructure project..

Including a third natural gas unit in the application is premature. Duke told the public that this third unit, an inefficient unit designed to run when power usage is at its highest, won't be needed until 2023 and only if the energy efficiency programs Duke has promised are unsuccessful. Duke's application should match its public statements; Duke should include concrete energy efficiency programs in its filing and revisit any future need for additional capacity at a later date. Otherwise, it is betting against the success of the new clean energy partnership it is forming with the City of Asheville and Buncombe County.

I urge the Commission to share in our vision for a clean energy future for North Carolina, and call for Duke Energy to scale back any new natural gas generation and require investments in clean energy and energy efficiency for our region.

Sincerely,

Philip J. Bisesi, PE

From:

butlermk7@gmail.com

Sent:

Sunday, February 21, 2016 1:49 PM

To:

Statements

Subject:

Docket#E-2 Sub 1089

FILED

FEB 2 2 2016

Clark's Office N.C. Utilities Commission

Please for just once, be responsible to We The People of NC by using your policing authority over Duke Energy's corporate influence in the above-referenced matter. We want a full examination of this project not just a rubber stamp, business as usual.

Mary Butler

Tax-paying Senior Citizen

Raleigh, NC

Sent from my iPhone

From:

Maren Poitras <maren.poitras@gmail.com>

Sent:

Sunday, February 21, 2016 12:13 PM

To:

Statements

Subject:

Docket E-2 Sub 1089-I support clean energy, not investment in gas infrastructure.

FEB 2 2 2016

Ckerk's Offic●

N.C. Uffittles Commission

Dear NC Utilities Commission,

Thank you for the opportunity to comment.

Lurge this commission not to accept Duke's application on the grounds that it is more capacity than necessary for the region, and has not sufficiently examined alternative sources of energy. Nor has the Utilities Commission and their staff had adequate time to evaluate the plan, commission alternative studies, or hear expert testimony,

In Paris the world agreed to attempt to limit global warming to a rise of 1.5 degrees Celsius. I think it is important to · remember the science tells us that it may already be too late to achieve this. We have already warmed 1 degree and most of the summer arctic ice is gone, leading to a feedback mechanism where more warmth is absorbed by the dark ocean revealed under the ice. The Greenland ice sheet is now flowing into the ocean in a manner that most likely cannot be stopped, which means inevitable sea level rise. But most disturbing to me is the storage of CO2 in our oceans as carbonic acid, causing ocean acidification- a change in pH that will destroy all coral reef ecosystems and shellfish that form the base of most ocean food chains. So that the great diversity and abundance of our oceans, and their ability to produce food for people, will be severely reduced.

Natural gas is not a modern alternative to burning coal. New research is showing that in terms of total greenhouse gas emissions both conventional and fracked gas can contribute more than coal.

Duke's customers will be paying for the construction of the new fossil fuel infrastructure, and will be locked into paying the costs of continued fossil fuel burning, including expected increases from a carbon tax or similar policy, when cleaner alternatives are viable.

Every city, town, and state in this country must step up and do its part to stop burning fossil fuels and transition to clean renewable energy.

Studies show that this transition is both technically and economically feasible within 15 to 30 years, and would create more jobs than business as usual, as well as numerous benefits for our health and environment. Plans for each state are laid out at the solutions project.org.

Many cities around the country and world are committing to or have already achieved 100% renewable energy. Most recently the city of Asheville North Carolina committed to achieving 100% clean renewable energy by 2034. Through Community Choice Aggregation, programs already running in several counties in California, the public is able to purchase and provide more renewable energy at a lower cost than customers pay the utility.

Renewable energy technologies including solar, wind, and hydro are viable alternatives in this region. Lurge you to direct your staff or Duke Energy to transparently evaluate the cost comparison of investing in renewables as compared to natural gas. Very importantly this would involve a long-range evaluation through at least 2050 and attempt to include true full costs including costs to the environment, atmosphere and the public's health.

Duke might profit from investing in more fossil fuel infrastructure than is necessary but its customers will pay the cost.

Now is the time to invest in renewables, we cannot afford to do otherwise. Thank you for your consideration and your commitment to the democratic process. Sincerely,

Maren Poitras

From:

Gladys Whitehouse <gladys,whitehouse@gmail.com> Sunday, February 21, 2016 10:32 AM

Sent:

To: Statements

Subject:

Docket# E-2 Sub 1089

Clark's Office N.C. Utilities Commission

Asking all in authority to please not allow Duke Energy to proceed with any fracking. Let's do something positive for our environment and keep the beauty of our state. Gladys Whitehouse

Greg Zeph <gzeph16@gmail.com> Saturday, February 20, 2016 1:00 PM

To: Statements

Subject: Docket# E-2 Sub 1089

FEB 2 2 2016

Clark's Office N.C. Utilities Commission

### All,

From:

Sent:

I would like to see an open review of Duke's gas and fracking expansions, particularly in regards to the new plans for growing the Asheville plant. We need more scrutiny and open examination of Duke's growth plans from the perspective of the technical experts, the people of this great state, and the impacts on our air, water, and climate qualities.

Please slow down this approval process and take time to understand the impacts of this decision before it is steamrolled forward.

# Greg Zeph

Program Manager, NC resident since 1977, Davidson graduate, resident of Cary, NC since 1995 and homeowner of 113 Ackley Court, Raleigh NC 27607 <a href="mailto:gzeph16@gmail.com">gzeph16@gmail.com</a>

From: Sent: Collin Perry <collindperry@gmail.com> Friday, February 19, 2016 9:23 PM

To:

Statements

Subject:

docket # E-2 Subject 1089

FILED

FEB 2 2 2016

Clark's Office N.C. Utilities Commission

To whom it may concern,

As a decade long resident of Asheville NC and a Duke energy customer I urge you to not approve more than the minimum fossil fuel-driven capacity that is needed to ensure a reliable supply of electricity.

If you want something cheap, you go to the source. The Sun, our star, is the source of all our energy on earth. Solar is price competitive with coal right now, and its price will continue to drop. We need to copy the plants around us, stop burning dead, fossilized plants, and capture the free energy that bombards the earth every day.

Fossil fuels are dirty for us and for our planet. Frankly they are gross, as I am sure you are well aware. We will all feel better when we are not reliant on them.

I hope that Duke Energy will help the people of this state, nation and planet achieve a clean energy future. We can do it. You can help.

Sincerely, Collin Perry

From: Sent: Emily Wilkins <emilypw@gmail.com> Friday, February 19, 2016 8:57 PM

To: Subject: Statements

Docket E2 Sub-1089

FILED

FEB 2 2 2016

Clark's Office N.C. Utilities Commission

Concerning the request by Duke Energy for approval to construct a Gas-Fired power plant in Buncombe County:

l oppose this project on fiscal, environmental, moral, and personal grounds.

#### Fiscal reasons:

I oppose this project because it is unnecessary; the projections by Duke Power have grossly overestimated the increase in demand during the last 15 years; their math is faulty.

i oppose this project because many customers already require subsidies to afford sufficient heat in winter, and cannot pay the added costs of this project.

I oppose this project because no one can tell me how much it will cost to build.

I oppose this project because I have not seen an estimated construction timeline, and doubt that it will be completed on time and under budget since there are usually delays and cost over-runs in such large-scale projects.

I oppose this project because I am a fiscal conservative and do not waste money on things I don't need.

#### Environmental reasons:

I oppose this project because it is NOT a small footprint on the ecosystem; the emissions will increase global warming rather than help the USA honor it's commitment to the rest of the world to reduce its carbon footprint.

I oppose this project because extracting gas from the earth destabilizes the shale on which cities are built and from which drinking water emerges.

I oppose this project because "fracking" may increase the prevalence of earthquakes.

I oppose this project because gas leaks are hard to predict, challenging to contain, and can be deadly.

I oppose this project because renewable energy sources can be used to meet any increase in electrical demand.

I oppose this project because the Mountain ecosystem benefits us all by turning carbon dioxide into oxygen through abundant trees, and thousands of trees will be destroyed to clear land for this plant.

I oppose this project because my mother and many dear friends who live in Buncombe County feel threatened by the construction of this plant regarding the extraction of natural gas through hydraulic fracturing.

I oppose this project because the increased availability and affordability of Energy Star appliances and LED lighting options is reducing the rate of growth for new energy sources.

#### Moral reasons:

I oppose this project because people will lose their homes and land through imminent domain when this plant is NOT needed.

I oppose this project because many people have been sickened by residing in counties where gas is forced out of the ground.

I oppose this project because Duke Energy has bullied and used its clout to manipulate politicians into changing rules for approval to just 45 days for such a huge project.

I oppose this project because customers have not been informed of the rate hike this project could cause.

#### Personal reasons:

I oppose this project because I suspect the siting in Buncombe County is somehow related to the state's attempt to take over Asheville's water system as happened in Flint, Michigan; what a financial, legal and health disaster they are facing!

I oppose this project because I believe we can make better choices for electricity now.

I oppose this project because I believe it is designed primarily to increase the shareholders' dividends rather than benefit customers.

I oppose this project because I don't trust Duke Energy to clean up any mess it makes, and I learned to clean up after myself early in life.

I will continue to oppose this project until every sunny roof (homes, buildings, school busses, churches) and every flat surface (parking lots, carports, sidewalks) are shaded by solar panels, every appliance sold in America includes energy-saving technology, and every renewable energy source has been exhausted.

I will continue to oppose this project until every community whose river, creek, or stream was contaminated by the extraction of coal has been cleaned up and restored to full health.

I will continue to oppose this project until the spills of coal ash have been cleaned up, and every coal ash site is sealed.

I will continue to oppose this project as long as Duke remains a for-profit corporation, beholden to investors.

Loppose this project on fiscal, environmental, moral, and personal grounds.

Do not frack! You can't put it back!

The earth is not ours. It belongs to the seventh generation.

There is no profit worth raping the earth!

When will we stop abusing the most vulnerable populations amongst us and act in a manner becoming the children of God that we are?

Emily

FILED

From:

annew@madison.main.nc.us

Sent: To: Friday, February 19, 2016 7:00 PM

Statements

Subject:

Docket # E-2 Sub 1089

FEB 2 2 2016

Clerk's Office N.C. Utilities Commission

As a tax payer, a Duke Energy customer, mother and concerned citizen I demand an open review of Duke's fracking plans and the impact on ground water, climate warming and pollution.

From:

sallieneville@aol.com

Sent:

Friday, February 19, 2016 5:55 PM

To: Subject: Statements

docket number E-2 Sub 1089

FILED

FEB 2 2 2016

Clark's Office N.C. Utilities Commission

Dear Members of the Utility Commission,

I live right next to Duke Energy's Asheville (Arden) coal plant and feel the results of noise and coal dust polluting the environment and my home. I urge you not to approve more than the minimum fossil fuel-driven capacity that is needed to ensure a reliable supply of electricity.

Sincerely, Sallie Neville

FILED

From:

Dr. Chad <chadkriselmd@gmail.com>

Sent: To: Friday, February 19, 2016 5:51 PM

To: Subject: Statements E-2 Sub 1089 FEB 2 2 2016

Clerk's Office N.C. Utilities Commission

To whom it may concern,

I wanted to voice my concern about building such a large power plant powered by natural gas in western North Carolina. In reference to docket number E-2 Sub 1089, Please only support building the minimum size fossil fuel powered power plant. Please do not approve more than the minimum fossil fuel-driven capacity that's needed to ensure a reliable supply of electricity.

Thank you very much, Chad

Chad Krisel MD Integrative Family Medicine of Asheville 828-575-9600 www.integrativeasheville.com

If you have medical questions concerning your care, please call 828-575-9600. Do not send time sensitive or medical questions to this account.

# Stephen N. Carter 201 River Ridge Drive Asheville, NC 28803 (323) 326-4718

E-mail: carter@cartercomputing.com

FILED

February 17, 2016

FEB 2 2 2016

North Carolina Public Utilities Commission 4326 Mail Service Center Raleigh, NC 27699-4300 Clark's Office N.C. Utilities Commission

RE: Docket # E-2 Sub 1089

Dear North Carolina Public Utilities Commission,

I am writing you because I oppose Duke Energy's Request (Docket # E-2 Sub 1089) Proposed Replacement Plan for the Asheville Coal Plant for the following reasons:

- 1. It is premature to include a third natural gas turbine unit (192 MW) in the application since this unit is not needed until 2030 and may not be needed at all if the new clean energy partnership with the City of Asheville and Buncombe County (and other energy efficiency programs) are successful.
- 2. Duke Energy should be required to publicly disclose its future energy need models. Otherwise, how can an informed decision be made? Historically, Duke has overestimated future energy needs.
- 3. Duke's plan for 15MW of solar and 5MW of utility-scale battery storage are welcome. However, the solar capacity should be much larger. Solar must be a part of the current application and its installation must be a requirement for Commission approval of the two new gas turbine units.
- 4. The commission must require Duke to formulate an ongoing energy efficiency program and periodically report on its success. Energy efficiency is the proven least cost option for meeting electricity demand.

Therefore, I urge the Commission to reject the current proposal that relies solely on fossil fuels and ask Duke to resubmit a plan to scale back the gas generation capacity, implement more solar capacity and commit to implement an energy efficiency program.

M. Carter

Best regards,

Stephen N. Carter

# Nancy Heath 3B Hedgerose Court Asheville, NC 28805 (828) 989-8679

E-mail: nancyheath@yahoo.com

February 17, 2016

North Carolina Public Utilities Commission 4326 Mail Service Center Raleigh, NC 27699-4300 FILED

FEB 2 2 2016

N.C. Utilities Commission

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Best regards,

Nancy Heath

Ylanen Heath

# Statement of Position Re: Docket No. E-2 Sub 1089 Duke Energy's Proposed Replacement Plan for the Asheville Coal Plant

FEB 2 2 2016

I/We are opposed to Duke's Request (Re: Docket No. E-2 Sub 1089) for the Following Reasons:

Clark's Office 1. It is premature to include a third natural gas turbine unit (192MW) in the application since this unit is her maission

needed until 2023 and may not be needed at all if the if the new clean energy partnership with the City of Asheville and Buncombe County (and other energy efficiency programs) are successful.

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Name: BOATRIZ LOTHROP
Address: 61 GREENRIJGE RD, WRANDLUCK,

Mail to: Chief Clerk, North Carolina Utilities Commission, 4325 Mail Service Center, Raleigh, NC 27699-4325 (or) eMail to: statements@ncuc.net

NOTE: The Public Staff shall present its findings, conclusions and recommendations to the Commission on February 22, 2016

Duke con buy inexpersive energy from Columbia while it develops renewable sources.

Duke should have to meet specific dates and plans to develop renewable sourced energy for at least 25% of its energy output by 2025. Beat C. tellings

# Judith H, Kaufman 201 River Ridge Drive Asheville, NC (323) 351-9865

E-mail: judith@kaufkauf.com

February 17, 2016

North Carolina Public Utilities Commission 4326 Mail Service Center Raleigh, NC 27699-4300

RE: Docket # E-2 Sub 1089

FILED

Clark's Office N.C. Utilities Commission

Dear North Carolina Public Utilities Commission,

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Best regards,

udith Kaufman