From: Julia.white@nc.gov [Julia.white@nc.gov]
Sent: 11/28/2017 7:24:36 PM
To: Jones, Kristi - Governor's Office [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=2db9ca316efc466b91a7108cdb1799c0-khyman_348b]
Subject: Fwd: ACP
Attachments: image001.png; ATT00001.htm; ACP Mitigation Options.docx; ATT00002.htm

See attachment.

Begin forwarded message:

> **From:** "Heyl, Douglas" <Douglas.Heyl@ncdenr.gov>
> **Date:** November 28, 2017 at 6:54:12 PM EST
> **To:** "White, Julia W" <Julia.white@nc.gov>
> **Subject: ACP**
>
> Here you go

Doug Heyl
North Carolina Department of Environmental Quality
919.707.9034 (Office)
919.812.3415 (Mobile)
douglas.heyl@ncdenr.gov

Possible ACP Mitigation Options

1. Community Investments
    a. Weatherization, lighting replacement projects, or performance contracting at schools and state owned buildings to lower energy costs
    b. Assist small and rural communities for emergency response infrastructure (Local volunteer fire departments do not have training and equipment to respond to possible incidents involving gas pipeline especially near compressor stations. They will need the resources to purchase gas sensing equipment, help training personnel on emergency response preparedness, reverse 911 call systems, and announcement warning systems
    c. Grid investments along the route, especially broadband
    d. Invest in community solar projects to offset energy costs
    e. Explore rooftop or large industrial parking lot solar projects
    f. Workforce development in community colleges, especially for energy jobs
    g. Industrial or commercial energy efficiency projects
    h. ACP Companies consider locating call centers or mail centers in communities along the ACP route
    i. Explore using the pipeline to transport biogas from food waste or farm waste projects.
    j. Fund additional compressor stations and taps to be used for economic development and new industry recruitment.
2. Compressor Station – company commits to a routine leak detection and repair maintenance program at stations and along the route to conserve resource (typical pipeline projects can lose 15-20% of gas due to leaks). This would also address some of the safety concerns.
3. Transformer Capacity – Duke to revisit the use of higher capacity transformers to allow for more renewable energy projects to access the grid.
4. Explore possible animal waste to biogas projects along the route
5. For impacted farmers, provide funding for energy efficiency projects – lighting replacement, weatherization, replacement of aging HVAC units, etc.