

FILE

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Message:
WEB ID: 109332 AT:10-05-2016 at 01:25 PM

Related Case Number: 16-0253

TYPE: Comment

NAME: Mr. John Myers

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INDUSTRY:Gas

ACCOUNT INFORMATION:

- Company: Duke Energy
- *(no account name provided?)*
- *(no service address provided?)*
- *(no service phone number provided?)*
- *(no account number provided?)*

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Technician 3M Date Processed OCT 06 2016
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COMMENT DESCRIPTION:

I suspect that the people of Hamilton County who are affected by the Duke Energy pipeline are being far more emotional than practical. Now I see from a Cincinnati Enquirer article that Duke has reduced the capacity of their pipeline to 1/3 of their needs in order to satisfy whomever. I will assume that Duke proposed this gas pipeline because it was necessary for their gas business or they would not have proposed it at all. Their original proposal is reported to have called for a 30" diameter line at 600 - 720 psi. They are now proposing a 20" diameter line at 400 - 500 psi. A 30" line has 225% more volume than a 20" line! [$\pi \times \text{radius squared} = \text{area of a circle}$] Add in a higher pressure, & the capacity of the 30" line will be more than 3 times the capacity of the 20" line. Excavating a ditch for a 30" line is only 10" wider & 10" deeper than a 68" ditch for a 20" line. Considering all the factors involved in digging any continuous ditch about 6 ft. deep & 3 ft. wide & you can assume that the cost difference to dig 10" deeper & 10" wider is minimal. The much larger cost may be the cost of the larger pipe. The disruption to property owners & to all the other underground utilities will be the same for either pipe! Therefore, it makes no practical sense to me to reduce the size of the ditch or the pipe when considering this project, regardless of its route. It appears that Duke will do a very similar amount of work, costs & disruption, &