

**South Hill 230 kV Electric Transmission Line and Substation Project**  
**June 6, 2022**  
**Community Meeting – Presentation**

All right, good evening. We're going to go ahead and get started. So first I want to start off by saying that this is a public meeting. So we're here to not only share about our proposed projects, but to learn and listen from property owners. So, we involve individual property owners, state local officials, native American Tribes and culturally minded advocacy groups in our engagement process to ensure that our projects are well communicated, and so that people know that they have an opportunity to engage with us.

Really quickly, I just want to review what it means when I say, "electric transmission". We live and breathe this every day, and I never want to assume what people may or may not know. So really quickly, electric transmission lines are the high voltage power lines that transport high voltage power securely, safely and efficiently over long distances from where the power is generated to a substation. And then at that substation, the voltage is then stepped down to then be distributed to homes and businesses. So tonight, we're talking about the electric transmission lines.

Generally speaking, there are three forces that drive new electric transmission infrastructure. It's aging assets, economic development, and addressing mandatory federal reliability criteria standards. But these three forces are not mutually exclusive. So, projects often involve any or a combination of these factors during the course of planning, implementation, and design of a project. So, this project is needed to ensure continued reliability in the area and also meet the load growth that's occurring in Southside, Virginia.

Specifically, the growth that's occurring is there are new load centers coming to the area and you can see that with the three red circles on the maps. So, we have the three new load centers, specifically data centers, are coming to the area. And so, you can see the existing lines and triangles and that is our existing electric transmission infrastructure. But that existing infrastructure, that type of electric transmission line is not sufficient for the load that's occurring or isn't directly in the area where it's needed.

So, we do have three projects in Southside, Virginia what we're calling the Butler Farm Project, the South Hill Project, and the Jeffress Project. And we do have good plans in place for these projects. And tonight we're specifically focused on the South Hill Project. So, you may be wondering, how is this going to happen?

So essentially, we need to build two single circuit 230 KV transmission lines into the South Hill La Crosse area. And so, you'll see the three blue triangles on the map. Those are three new substations and we need to interconnect those substations. So, we have an Eastern solution and a Northern solution. And from the Eastern solution we would extend our existing Heritage Substation in Brunswick County and build those electric

transmission lines approximately 25 miles into Mecklenburg County to tie into those substations. Or there's the Northern solution option, which we would build a new substation called the Unity Substation and then starting in Lunenburg, and then building the line into Mecklenburg County, approximately 10 miles.

So, a lot of people want to know what is this going to look like? So, we have two structures – they are monopole structures with the circuit stacked on one side and this is for either the Eastern or Northern solution. So tonight, we're going to be focusing on and getting your opinion on, which solution do you prefer. But it is important to note that ultimately both solutions will be needed. So, we know based on projected load growths what is needed. So, we want to take that into account.

Where those three substations interconnect, it will be the same two monopole structures with the circuit stacked on one side in a weathering steel finish or a galvanized finish. So, whether we build the Northern solution or the Eastern solution in the future, we will build whichever solution we don't build first. So ultimately there will be three structures in that right of way. So, you can see the future project is dashed. And then the two structures on the left side of both images.

So how do we know where these electric transmission lines are going? Planning and determining an electric transmission route is one of the most challenging things we do at Dominion Energy. We know the impact this has on property owners, municipalities, and communities. It is not easy. And so, I want to assure you that we take a lot of things into consideration when trying to figure out where these routes are going to go. We always want to be respectful of people's homes and properties. We stay close to property boundaries. We try to co-locate when we can with existing infrastructure, but we also look at constraints as well. So environmental impacts, wetlands, water bodies. So, there's a lot of things that go into consideration. We recognize that we cannot eliminate all impact, but we are trying our best to minimize impact.

So hopefully you received this in the mail or grabbed one at the front desk, but this is our map that we have that shows our routing options. So, you can see two solutions from the East with an alternative. They're two shades of green with an alternative in pink. And then the purple lines is our existing 115 KV line. So, like I mentioned, we try to co-locate with existing infrastructure when we can. Not sure if you can see this way in the back, but the purple line is our existing 115 line. And so, we try to co-locate with it, but you can see the routing alternatives from the East don't go with it right here. And that's because of the Brunswick Landfill and then the communities in Lawrenceville.

So that's just an example of how we always want to try and come up with alternatives. And then from the Northern solution route we have two alternatives, orange and yellow. And then we have our substation interconnect in gray. And it's important to note that from the North and from the East, one of these solutions will be presented to the State Corporation Commission for consideration.

This just gives you a flavor of what this would look like in the field. So, you can see the top is what is existing. And then the bottom is what is proposed. So, this is for the Northern solution, and you can see what is existing. And then the proposed lines, give me a minute to find it, would come through. So that's the two structures, the monopole structures with the circuit stacked on one side. And again, these can be in the weathering steel. And then I'm going to change the screen and then you'll see the same image, but in the galvanized finish.

So, this is the Eastern solution. I had mentioned that 115 transmission line that's existing. And so, you can see the existing on the top of the screen. And then you can also see that existing line on the bottom of the screen, and then with our proposed with it. So, you can see the land to the right of way, the expansion that would need to happen. And again, that can be in the weathering steel or the galvanized finish. And this is what it would look like if you were truly sitting on the ground. So, this is a ground view. Again, weathering steel and this is for the Eastern or Northern solution. And then the galvanized. So again, the options can come in the weathering steel or galvanized finish. And then the substation interconnects, I mentioned that either way we would eventually need the Northern and Eastern solution. And so, we had that one structure on the right grayed out for the future project. So, this is what it would look like with all three structures in that corridor.

So, I mentioned the State Corporation Commission or the SCC and they're the agency that ultimately selects and approves the route for this project. So, they have jurisdiction over the routing but as you can see, we will also need subsequent permits in order for this project to move forward.

And I've mentioned the SCC a few times now, but I just want to quickly review their process. So, once we submit our application for review, the SCC actually has their own time and where they will get input, public comments from the community. So, once we file our application, that doesn't mean the decision has been made and it's over. So, the SCC then has time to receive input from the public. And so, we don't know how long that will be. On some projects, it's eight months. Sometimes if there's a lot of complications from the project, it can be anywhere from 12 to 24 months. So, we don't know, but they will have that time to gain public comments. And so, you can see here, and we have a board enlarged on the side, there's a lot of checks and balances that go into the application. So essentially Dominion, we turn in our homework, our paperwork. And the SCC takes our evidence and then they will determine if we, Dominion, proved that this project was needed and that the route minimizes impact.

So, a few of you asked me earlier, how do you see the maps enlarged? Well, we have them on our project website [dominionenergy.com/South Hill](http://dominionenergy.com/South Hill). And actually, we have this really cool mapping tool, it's called GeoVoice. So, you can log onto the project website. You can sign up for GeoVoice. You can see all of the routing options. You can search for your address. You can leave a comment for the project team. And I just want to say, all feedback is valuable, good, bad, or neutral. So, we want to hear it. There's also a measuring tool. So, you can measure where your property is in relation to the closest

preliminary route. So, I highly encourage you to sign up for geo voice on our project website. So, by doing that, you're essentially participating in the routing process firsthand.

Here is our project timeline. It's also combined with those other Southside Virginia projects that I mentioned earlier, but the one we're focused on tonight is in the middle, highlighted in green.

So, we began our public outreach this past spring. We are having three in-person community meetings this month to gather feedback from the public. And once we have incorporated public feedback, we will host another in-person community meeting later this summer. And then we will file our application with the State Corporation Commission. And so pending approval from the SCC and from permits, we will plan to start construction in early 2024, and then hope to wrap up in 2025.

And so before we close, I really just want to stress that nothing here is set in stone. So, these are preliminary routes. We're here to get your feedback. We don't have a preferred route. That's why we're here. We have a lot of subject matter experts here tonight. So, if you do have a specific question, let us know. I will ask our Dominion project team to come forward. And as they do that, I'll just mention a few reminders. So, you can always call us or email us. If you have any questions, again, sign up for GeoVoice on our project website. And we really appreciate you coming. Again, what a great turnout.