

**South Hill 230 kV Electric Transmission Line and Substation Project**  
**June 7, 2022**  
**Community Meeting – Presentation**

Thank you all for coming. I first want to start off by saying that this is a public meeting. So, we're here to not only share about our proposed project but to listen and learn from property owners. So, in our engagement process, we do involve individual property owners, state and local officials, culturally minded advocacy groups and a variety of stakeholders during this process because we want to make sure that all these different groups and all these different people, that they understand that they have an opportunity to engage with us. And we want to ensure that our projects are well communicated.

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 efficiently, securely, and safely over long distances from where the power is generated to a substation. And then once it's at that substation, the voltage is then stepped down and then it's distributed to homes and businesses. So, tonight, we're going to be talking about electric transmission lines.

Generally speaking, there are three forces that drive new electric transmission infrastructure, and that is economic growth, aging assets, and addressing mandatory federal reliability criteria standards. And so, these three forces are not mutually exclusive. Projects actually often involve any or a combination of these factors during the course of planning, design, and implementation of a project. So, this project is needed to ensure that we can maintain the reliability that we have in the area, but also due to load growth.

So, you can see on this map, we have three red circles, and this shows the new load growth in the area. The existing lines and triangles, that is our existing electric transmission system. So, the triangles represent our existing substations, and the lines represent our existing transmission lines but that type of existing transmission line, it's not sufficient for the load growth that is occurring or necessarily in the area where it's needed.

So, we have a few projects occurring in Southside Virginia. This is just an overview. We're calling them the Butler Farm Project, the South Hill Project and the Jeffress Project. And so, we have good plans in place for these projects but, tonight, we're focused on the South Hill project.

So, we need to build two single-circuit 230 kilovolt or kV transmission lines parallel to one another on shared right of way into the South Hill and La Crosse areas. And then from there, we need to build three substations and then a connecting loop between those three substations. And so, we do have two electric solutions that will work.

One is the Eastern solution. We would expand our existing Heritage Substation and then build approximately 25 miles of lines into the La Crosse area. And we do have an existing 115 kilovolt transmission line. So, we would partially co-locate with that existing transmission line. And then for the Northern solution, we would build a new substation called Unity Substation and then build approximately 10 miles of right of way, again, back into this La Crosse area, South Hill area.

Something I do want to be totally upfront about is only one solution is needed at this time, but we do have load projections. And so, we do know that, eventually, both solutions will be needed. So, we are here to gather input on, you know, which solution property owners prefer and if you have any feedback for us. But one of these will be presented to the State Corporation Commission for consideration.

So, what are these structures going to look like? There are two separate structures. They're what we call monopole structures with the circuits stacked on one side. And so you can see that the arms will face in toward each other and they can come in the weathering steel or the galvanized finish. And so, again, just in our conversations with property owners, some people really do have a preference. I think we've found in communities where the horizon is mostly sky, communities tend to prefer the galvanized steel. Communities where the horizon is mostly green and forested, they prefer the weathering steel, but we know that every project is different. Every community is different, every person is different. So that's just something we hope to learn in our conversations with you tonight. And I do want to clarify that these structures are for both the Eastern and Northern solutions. So whichever project, whichever route gets selected, this is what it would look like for either/or.

For the substation interconnects, those three blue triangles that I had showed earlier, this is what the structures would look like for those substation interconnects, regardless of if it's the Eastern or Northern solution. So, depending on the routes, we have, you can see the left on both images. We have the two structure types, again, the monopole structure with the circuits stacked on one side facing each other. But again, I mentioned we also want to take into account the projected load growth that we have occurring. So, whether we start building the Northern solution or the Eastern solution, eventually the other solution will need to be built. And so, in some corridors, there would be that third structure. So, this would be for that future project. And so, we want to take that into account in our planning and our construction. So, you can see that they would have a shared right of way. And again, these can come in the galvanized or weathering steel finish.

So a lot of people ask, "How do you know where the lines are going to go?" And I really want to assure you, we are not just throwing darts at a board. We have a lot of things that go into planning and determining where an electric transmission line route goes. And it is not easy. It is one of the most challenging things we do here at Dominion Energy because we know the impact this has on property owners and communities.

And so, we look at things like we want to be respectful of people's homes and their properties. We want to stay close to property boundaries. We try to co-locate with existing transmission lines when we can, but we also have to look at constraints. Things like water bodies, wetlands, and tribal property.

So hopefully you received this map in the mail or hopefully you grabbed one at the front desk. This shows our different routing alternatives for this project. You can see on the Eastern side; we have two alternatives with one route variation. It's in like a light green and another shade of green with the pink. And so what you can see on the map, and again, we have this enlarged throughout the room. We have our existing 115 kilovolt line in purple.

And so, we try to co-locate with that existing line when we can, but we do have the Brunswick Landfill here. Lawrenceville is pretty heavily condensed with properties and homes. So, we do have the two solutions coming into the La Crosse area. And so, then we have the Northern solution, which is orange and yellow. Those are the two routing alternatives and we had a couple of routing options. But the reason we have these here is we need locations for the proposed substation. And then, also, a lot of the roads in this area, like Craigs Mill Road, for example, run north to south. So that kind of guided us as our corridors. And so based on other things, like creeks, that kind of guided these routing alternatives. But the Eastern and Northern solution all meet in the South Hill and La Crosse area.

This just gives you a flavor of what this would look like in the field. So, the top is what's existing and the bottom is what's proposed. So, here's the two circuits, with the arms facing each other, going through here. This is for the Northern solution. And again, this is what it looks like in the galvanized and I'm going to flip the screen really quickly and you'll see what it looks like in the weathering steel. So, it's still here. So, this is the Eastern solution. The one that starts in Brunswick County and then goes into Mecklenburg. Up top is what's existing. That's the existing 115 kilovolt line that I mentioned earlier. And so, here's what would be proposed. So, you can see the 115, that's existing, and then the two 230 kilovolt structures with the arms facing in. So, again, this is in the galvanized and the weathering steel. This is truly a ground view image. So, this is what it would look like if you're sitting on the ground and this is in the weathering steel and the galvanized, and this would be for either or both the Northern and Eastern solution. And then I mentioned the substation interconnects in South Hill and La Crosse. And so, again, we want to take into account that future project.

So, for this project, there would only be one, I'm sorry, two structures, one missing, but then in the future, we want to account for that in the right of way, so that they can be together. So, it would be three. And again, we have the weathering steel and galvanized finish, and we have these enlarged in the front of the room as well.

I've mentioned the State Corporation Commission or SCC a couple of times. And I just want to clarify that the SCC, they have jurisdiction over the routing of this transmission line. So, they ultimately select and approve which route we will go with. Once we have

approval from the SCC, obviously, we will need to get other permits in order to move forward to construction.

But a little bit about the State Corporation Commission. We have this enlarged in the front room but they also will have a time for public comments. So even once we file our application with the State Corporation Commission, that doesn't mean what's done is done, and it's over. There's still time for public comments. So, they will have a time where they were soliciting public comments and the community can still provide input. But you can see, there's a lot on here, but there's a lot of checks and balances that goes into our application with the State Corporation Commission. And so, essentially, what will happen is it leads to a hearing and Dominion, we provide our homework, our paperwork, and they take that evidence from us. And the SCC ultimately decides, you know, does Dominion, did they prove that this project really is needed and does this route minimize impact? And so, we recognize that we can't not have any impact but we are trying to have the least amount of impact as possible. So that's why we are working with property owners. We want feedback. Good, bad, or neutral. It's all valuable. But again, the SCC will ultimately select and approve the route. And a lot of people ask, "Well, when does that happen?" And, at this point, we don't know. So, some projects can take eight months. More complicated projects can take anywhere from 12 to 24 months, but we will keep the community updated as that progresses.

So, hopefully, you received this card when you came in. If not, we have some at the front desk. This includes our project website, [DominionEnergy.com/southhill](http://DominionEnergy.com/southhill). And on the website, there's this interactive mapping tool called GeoVoice. And, essentially, you can participate in the routing process firsthand. You can search for your address. It'll zoom into the location. I know the maps we've handed out are not easy to zoom in on the parcels, but you can do this on, you can do that on this tool. You can see all the routing options. You can leave a comment for the project team. For example, "I don't like the yellow route. I want the orange route," or "Can you shift this? This is my property. Can you shift this line over this way?" So, we want feedback from the community and this is a great way to do that. There's also a measuring tool. So, you can measure where your parcel is to the closest routing alternative. So highly recommend you sign up. Again, we do have these at the front desk if you didn't get one.

I do want to review the timeline. This shows the three projects that I mentioned earlier, but we're focused on the South Hill project in the middle, highlighted in green. We began our public outreach this past spring. This is our third in-person community meeting that we've held this month. And, like I've mentioned, we are here to get feedback. And so, once we gather feedback, we want to incorporate it into our project planning. So, later this summer, we will host another in-person community meeting showing the things that we've changed in the routes. So, if there are changes, we are going to reprint all of these boards. So, you can come back and see the changes that we've made.

We will file with the State Corporation Commission later this summer and then pending SCC approval and permit approval, we plan to start construction in early 2024 and wrap up in 2025.

So that concludes the formal presentation. I have a few reminders as the Dominion project team comes forward for the Q and A, but again, we have our power line email address, [powerline@dominionenergy.com](mailto:powerline@dominionenergy.com). And you can always reach us by phone, 291-0190, and, also, really encourage you to sign up for GeoVoice. That is the best way to reach the project team.