SOLAR ON THE FARM WORKSHOP
PIEDMONT ENVIRONMENTAL COUNCIL
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How does small scale solar energy get from the facility to my farm?

Small Solar Facility → DC-AC Inverter → Distribution Power Lines (Low Voltage) → Utility Substation → Transmission Power Lines (High Voltage) → Farm (End User)
**Why would I put a solar facility on my farm?**

*Solar can be an important part of your home and farm energy plan*

1. **Environmental Sustainability**
   - Energy Independence
   - Want to go “Green”
   - Preserve the environmental integrity of your community

2. **Economic Benefit**
   - Want to save money on electric bill
   - Make money by hosting a solar facility
   - Supplement farming income
Economic Benefit Options

How do I make money from a solar facility on my farm?
Consider the economic impacts to your family and farm first

1. Net Metering
   A special metering and billing arrangement with Dominion Energy that allows customers to offset their electric usage with their own renewable energy generation
   • Self-funded Facility
   • Net Metering PPA
   • Traditional PPA with 3rd Party
   • PPA Pilot from VA SCC

2. Land Lease / Sale
   Dominion Energy will lease or buy a portion of farmer’s land to build a solar facility that will be used to serve local communities
   • No money out of your pocket to build a solar facility
   • Passive income source
   • Long-term revenue source with a lease
What is Dominion doing in the distributed solar space?
Working with landowners to build small-scale solar across Virginia

Dominion Energy Solar Project Development
- Development of 715MW of small scale/distributed solar
- Projects in the 1MW to 3MW range
- Working with landowners that have at least 10 acres available for solar

Solar Project Acquisitions

Solar Project Power Purchase Agreements
Key Takeaways

1. Distributed Solar can be an important part of your farm; not whole farm

2. **Dominion Energy is actively seeking land** from farmers and landowners for solar development

3. Contact Dominion Energy with any solar questions