

Dominion Energy Grant Funded Opportunity – Technical Specifications & Evaluation Criteria

Opportunity Name:

Dynamic Line Rating (DLR) Sensor Installation Project

Summary:

Installing DLR sensors on Dominion Energy Virginia (DEV) electric facilities that will allow DEV to compile data related to transmission line usage and capacity. Compliance with Davis-Bacon Wages is required.

Location:

Loudon and Fairfax Counties, Virginia

Deadline:

Interested parties must communicate their intent to participate by September 8, 2025, in order to support an October 2025 start date and complete installation by December 31, 2025.

Description/Technical Specs:

The project includes the installation of 138 DLR sensors and 99 weather stations across multiple transmission lines located in Loudoun and Fairfax Counties, Virginia. The installations will take place at 142 locations. Each location is estimated to take up to 2 hours to install once on location. Sensors will be banded or bolted to the transmission tower, as appropriate. The sensors are expected to be installed in three (3)-person teams made up of two (2) people from the selected contractor and one (1) person from the DLR vendor to calibrate the sensor post installation. Installation work will require the use of a bucket truck and ladder and will be completed near hot transmission lines with no outages being taken. Sensors will be provided by DEV and the DLR vendor and will be installed at various heights from 16' to 49' as specified by the sensor design documentation.

As detailed on the location map, 55 structures are located along the Washington & Old Dominion (W&OD) Trail. Detailed coordination with NOVA Parks will be required and the selected contractor will be required to provide flaggers along the trail for pedestrian traffic, where needed. Effort to minimize impacts to the W&OD trail while maintaining public safety is required.

The installation team should collaborate with the DLR vendor to ensure the vendor can provide adequate support for the installation. DEV will initiate coordination between the DLR vendor and the selected contractor following award of the contract. A general installation schedule should be created, maintained and shared by the selected contractor, and support must be confirmed weekly between the installation team and the DLR vendor. The DLR vendor can accommodate several installation teams simultaneously with coordination.

Preference will be given to contractors with transmission line experience. Previous experience working with an electric utility is preferred.

Contractors must not be disbarred by the federal government.

Contractor must comply with Department of Energy and DEV requirements.

Evaluation Criteria

Bids will be evaluated based on the following criteria:

Criteria	Weight
Safety	25%
Environmental	10%
Transmission Grid Experience	5%
Construction Performance	5%
Work Site Management & Plans	10%
Exceptions to Terms & Conditions	5%
Pricing	40%
Total	100%