

# Dominion Energy Underground Transmission Limits for Mechanized Digging near UG Facilities

## When working near Dominion Energy Underground Transmission Facilities, mechanized digging is not allowed:

1. when the work is within 20 feet of Miss Utility mark for HPFF systems or within 10 feet of the visually identified edge of thermal envelope around the steel pipes and conduits.
2. when the work is within 20 feet of Miss Utility mark for XLPE cable systems or within 10 feet of the visually identified edge of thermal envelope/ductbank around the cable conduits.

Changes to the digging restrictions shown above can only be adjusted by a  
Dominion Energy Underground Transmission Line Inspector, Underground  
Transmission Methods or Underground Transmission Engineering personnel.

## Methods to Locate UG Transmission Facilities

If work must be performed within the conditions shown above:

1. UG Transmission Line Inspector must be on site for oversight at all times.  
Contractor must contact Dominion Energy at least 72 hours in advance to schedule the required oversight. Call the UG Lines Inspector for your area of work.
  - 1.1. Lead UG Lines Inspector for NOVA - Stuart (Chuck) Gray - (540) 220-4423
  - 1.2. UG Lines Inspector for NOVA - Jearl (JT) Osburn – (571) 206-7338
  - 1.3. UG Lines Inspector for SEVA – Ben Ligsay – (804)-270-8067
2. Contractor must verify by potholing or daylighting the edge of the thermal envelope encompassing the Dominion Energy Underground Transmission facilities.
3. If working/digging in parallel to Underground Transmission Facilities, the thermal envelope edge must be verified every 25 feet by potholing.
4. Potholing by vacuum truck is preferred, hand digging is acceptable.
5. If vacuum truck is using hot water, the UG Inspector must be notified in advance.
6. NO heavy equipment shall sit over top of the UG Transmission Facilities.

## Notes

1. If the thermal envelope (thermal sand or FTB - fluidized thermal backfill) that encompasses the UG Transmission Line facilities is disturbed during construction, the thermal envelop must be replaced with Dominion Energy approved thermal sand or FTB.
2. Any HPFF steel pipes exposed, require a coating surface inspection/test.  
The UG Inspector will provide help with arranging this coating test.