

## RIGHT-OF-WAY ACCESS AND MAINTENANCE OF DUKE POI FACILITIES

This document provides the guidance documentation for right-of-way access and maintenance of Duke Point of Interconnection (POI) facilities. The following Duke Energy documents are provided together with this document. Interconnection Customer needs to keep copies of these files for future reference.

1. **Duke Energy Requirements for Electric Service and Meter Installations, June 2021** (Service Requirements Manual - June 2021.pdf)

This document is sometimes called the “White Book” that contains Distribution System interconnection requirements in both DEC and DEP.

2. **Duke Energy Line Clearance Specifications Manual, February 1, 2012** (LineClearance - February 2012.pdf)

The Line Clearance Specifications set forth methods, procedures, equipment, materials, and other information to guide Duke Energy personnel engaged in supervision of line clearance work along with the overhead system. In so far as practical, these specifications will be considered the standard for all tree work on Duke’s distribution system and are in alignment with the industry-accepted tree pruning standards as prescribes in the ANSI A-300 standard (Tree, Shrub, and Other Woody Plant Management- Standard Practices (Pruning)).

The requirements of right-of-way access and maintenance of Duke’s POI facilities are described in FIG 71B of the **Duke Energy White Book** (Reference #1 above) as follows.

... CUSTOMER TO PROVIDE A LOCATION FOR COMPANY FACILITIES THAT MUST:

- BE LOCATED OUT OF WETLANDS AND OTHER AREAS SUBJECT TO FLOODING.
- HAVE MAINTAINED ACCESS ROADS, PREFERABLY WITH GRAVEL BED AND ADEQUATE DRAINAGE FOR ACCESS BY STANDARD COMPANY EQUIPMENT DURING ALL ADVERSE WEATHER CONDITIONS.
- BE FREE OF VEGETATION FOR BUCKET TRUCK ACCESS (15 FOOT CLEARANCE, 360 DEGREE RADIUS).
- BE LOCATED OUTSIDE A LOCKED GATE OR FACILITY FENCE. IF THIS CANNOT BE ACCOMPLISHED, ANY GATES OR ACCESS POINTS MUST ACCOMMODATE A COMPANY LOCK AND BE ACCESSIBLE AT ANY AND ALL TIMES.

It is important to highlight the following aspects of these requirements.

Access Road – the path from the DER facility gate or fence to the location of Duke’s meter and recloser

Usually, Duke Energy does not need a full construction road to get to the POI facilities. However, the access road to the primary meter location must be easily traveled by a truck (i.e., no trees or large mud holes). Therefore, it will need to be a solid path of travel. In addition, it will need space for a line truck (approximately 10’ wide) to travel back to the location easily.

The customer shall agree to remedy any obstacle preventing future access outside of natural erosion. It is the ongoing responsibility of the site to maintain the access road to the POI so that it remains easily travelled by a bucket truck.

Around Duke’s recloser pole and meter pole

The customer need to clear the vegetation, grade the area, and add a gravel as necessary around the Duke Energy recloser pole and meter pole to ensure the area is well drained and remains accessible by Duke Energy equipment in all weather conditions.

Vegetation management

The customer may reference to the **Duke Energy Line Clearance Specifications** (Reference #2 above) for the standard for all tree work on the Duke’s distribution system.

## Revision History

Revision	Date	Comments
1.0	9/28/2021	Initial release
1.1	11/4/2021	Apply to all IC in general