Wind and Solar Sites
- Marker identifies the location of splices that connect the power generation units to the main hub
- High value assets are critical to pinpoint connections for maintenance and to expand site
- Markers provide improved reliability compared to tracer wire

Vegetation Management
- The right-of-way (ROW) is important to maintain to ensure public safety and reduce environmental concerns.
- Markers are used along the ROW to mark boundaries between power lines and vegetation, herbicide use, aerial trimming, and permitted encroachment.
- Underground markers have a longer lifespan than above ground markers, like route markers, due to exposure.
- RFID markers can store data critical for utilities and property owners.

Open Trench Construction
- Utilities maintain locations of underground power lines in cities and neighborhoods.
- Marking open trench conduits/assets allows utilities to accurately and efficiently locate buried lines during or after construction is completed.
- Marker installations are more reliable than existing tracer wire solutions.

Handhole
- Markers installed inside handholes are used to locate splices and terminations along cable runs.
- Environmental effects may cover handholes overtime and become difficult to locate. Markers can be found under vegetation, dirt, snow, etc.

Ball and Near Surface Markers
- Depth of cover confirmation, location of conduit, location accuracy for future road work
- Deep dive markings on each side of road to confirm utility location after bore, find buried or sawed-off conduits
- Identify facility in high congestion, high traffic area
- Identify facility in area of future construction

Path Marking
- 3M™ EMS Caution Tape and Rope
- For use in open trench and HDD (Horizontal Directional Drilling) applications
- A maintenance free solution for marking and locating the path of underground plastic pipes and casing.
Limited Warranty: 3M provides the following Limited Warranty for its EMS Marking Tape Series and EMS Rope 7700 Series Products: When installed in accordance with 3M’s installation instructions, 3M warrants EMS Marking Tape and EMS Rope for a period of one (1) year from the date of purchase of the product, to be free from defects in material and manufacture, provided EMS Marking Tape and EMS Rope that has been subjected to misuse or improper application or that have been repaired or altered by others. 3M MAKES NO OTHER WARRANTIES INCLUDING, BUT NOT LIMITED TO, ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. This warranty does not apply to claims for personal injury. In no case shall 3M be liable for any special, incidental, or consequential damages based upon breach of warranty, breach of contract, negligence, strict liability or any other legal theory. This limitation does not apply to claims for personal injury.

Conditional Limited Warranty: 3M provides the following Conditional Limited Warranty for its iD Electronic Marker Products: When installed in accordance with 3M’s installation instructions, 3M warrants iD Electronic Markers for a period of ten (10) years from the date of purchase of the product, to be free from defects in material and manufacture, provided iD Electronic Markers are located with 3M™ Dynatel™ Locators or other brand locators as may be designated by 3M in writing. This warranty does not extend to iD Electronic Markers that have been subjected to misuse or improper application or that have been repaired or altered by others. 3M MAKES NO OTHER WARRANTIES INCLUDING, BUT NOT LIMITED TO, ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. If the iD Marker is found to be defective within the warranty period, your exclusive remedy shall be, at 3M’s option, to repair or replace the iD Markers or refund the purchase price. Except where prohibited by law, 3M will not be liable for any direct, indirect, special, incidental or consequential loss or damages arising from this 3M product, regardless of the legal theory asserted.

Conditional Lifetime Warranty: 3M provides the following Conditional Limited Warranty for its Electronic Marker Products (non-iD versions only): When installed in accordance with 3M’s installation instructions, 3M warrants Electronic Markers for the lifetime of the product, to be free from defects in material and manufacture, provided Electronic Markers are located with 3M™ Dynatel™ Locators or other brand locators as may be designated by 3M in writing. This warranty does not extend to Electronic Markers that have been subjected to misuse or improper application or that have been repaired or altered by others. 3M MAKES NO OTHER WARRANTIES INCLUDING, BUT NOT LIMITED TO, ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. If the Electronic Marker is found to be defective during the normal lifetime of the product, your exclusive remedy shall be, at 3M’s option, to repair or replace the Electronic Markers or refund the purchase price. Except where prohibited by law, 3M will not be liable for any direct, indirect, special, incidental or consequential loss or damage arising from this 3M product, regardless of the legal theory asserted.

Limited Product Warranty: All 3M products, locating instruments (except accessories), manufacture dated test leads, and rechargeable batteries will conform to 3M’s published specifications and will be free from defects in material and manufacture for a period of twelve (12) months from the date of purchase. Dry cell batteries included in any of 3M’s products are warranted only to the extent the battery manufacturer determines such batteries are covered by its warranty. Accessories for locating instruments are warranted for ninety (90) days after purchase. 3M’s obligations and liability under this warranty are limited to repairing, replacing or refund of the purchase price, at 3M’s option, any of 3M’s products which, after normal and proper usage, are determined by 3M to be defective. This warranty does not extend to any of 3M’s products which have been subjected to misuse, neglect, accident or improper applications, nor shall it extend to products which have been repaired or substantially altered outside 3M’s manufacturing or repair facility, nor to any associated instruments, equipment or apparatus. Before utilizing any of 3M’s products, BUYER should determine the suitability of the product for BUYER’S intended use. 3M MAKES NO OTHER WARRANTIES, EXPRESSED OR IMPLIED, INCLUDING ANY IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. In no case shall 3M be liable for any special, incidental, or consequential damages based upon breach of warranty, breach of contract, negligence, strict liability or any other legal theory. This limitation does not apply to claims for personal injury.