Utility Vegetation Inspection and Management

Maintenance Optimization Solution for any Energy Asset

> 60Hertz Energy software avoids distruptive and potentially hazardous issues caused by poorly attended vegetation.

Mother Nature and power lines are not the best of friends. Trees touching power lines, brush beneath lines, and dangerous trees inside or adjacent to the right of ways (ROW) can be disruptive and hazardous. Reliable power supply and public and employee safety go hand in hand with a well-planned vegetation management program.

Vegetation Management is one of the predominant O&M spends for Power Utilities. When carried out effectively, vegetation management can ensure a reliable and available supply of power to Customers. When left unattended, vegetation causes more frequent power outages, dangerous situations such as wildfires that can damage homes and buildings. Vegetation alone can create a significant public safety event.

Significantly Enhance and Streamline your Processes

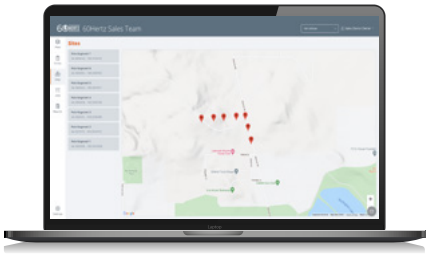
Utilities must maintain and document vegetation standards (FERC enforcement of NERC standards for vegetation) to minimize disruption and curb safety issues caused by poorly attended vegetation issues.

Technologies such as Lidar, drones and satellite imagery can assist utilities in proactively addressing vegetation management activities when used in concert with visual inspections.

Computerized Maintenance Management and Mobile data devices can significantly enhance and streamline your processes and compliance adherence.

Allowing vegetation crews access to the tools needed to manage vegetation is critical. Empowering these crews with the tools to plan, assign, conduct inspections, carry out trims needed, manage herbicide programs and document all work in the field is crucial to an effective and well carried out vegetation management program.

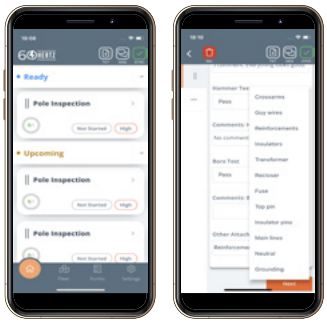
60Hertz Energy has developed a novel tool to help utilities, regardless of size, implement a thorough and easily executable plan to guarantee vegetation management activities are carried out as required. Even if you use external contract crews, our tools give you the confidence and the validation and documentation that your policies and procedures are adhered to.



60Hertz Maintenance Manager

Vegetation managers can schedule, assign and manage regular inspections, trim cycles and emergency work orders. Forms can be purpose-designed for each activity to guarantee work is completed and compliance is adhered to.

Vegetation inspections and trim cycles can be scheduled in advance to give you peace of mind, leaving you with a vegetation management process that is well thought out and executed efficiently. Integration of Lidar, Drone and satellite imagery can give you a deeper insight to manage your vegetation management processes more accurately.



60Hertz TRAK App

Our Trak App can automatically receive inspection and trim work orders. GIS integration ensures line segment trim information can be reliably updated and recorded. This capability enables field crews to access driving directions and precise coordinates for where inspections and trims need to occur. Inspectors can pin areas that need attention or the exact location of danger trees during routine inspections triggering work orders in real-time. Each activity can have one or many unique forms. Ensuring work is done completely and safely as possible.

The 60Hertz Difference

Our ability to provide custom processes and forms that meet your utilities' needs guarantees quick adoption for you and your workforce.

Our deep integration with your GIS asset database makes identifying every asset in your grid simple. We can even provide GIS with updates on inspections, trims and other work performed on the asset in the field. 60Hertz software gives your field crews the most up to date information. Once set up, all you do is Create, Assign and Complete the work needed in the field.

The Maintenance Manager can integrate 3rd party systems like GIS, Work Order Management, SCADA, ADMS and intelligent IIOT sensors. This integration enables field crews to access data in the field to make safe and astute decisions in real-time.

The 60Hertz Trak App is compatible with Android, IOS or Windows mobile devices. Custom forms are intuitive and driven by logic to ensure all the data needed to complete a task is accumulated the first time. Not to mention this capability eliminates paper forms, spreadsheets and wasted trips to a central office.

The Trak App works off or online, so if your crews are in remote areas with limited or no cell or Wi-Fi coverage, no need to worry. The app and geospatial data still work. Any completed forms or tickets will be uploaded automatically when back in range.

Attachments like photos or voice messages can be attached to records. This capability sustancially enhances your ability to make data-driven decisions that help you lower costs, ensure compliance, improve safety and give you a more resilient electric delivery system.