



Substation Design Solution

Streamline Your Substation Design Workflow

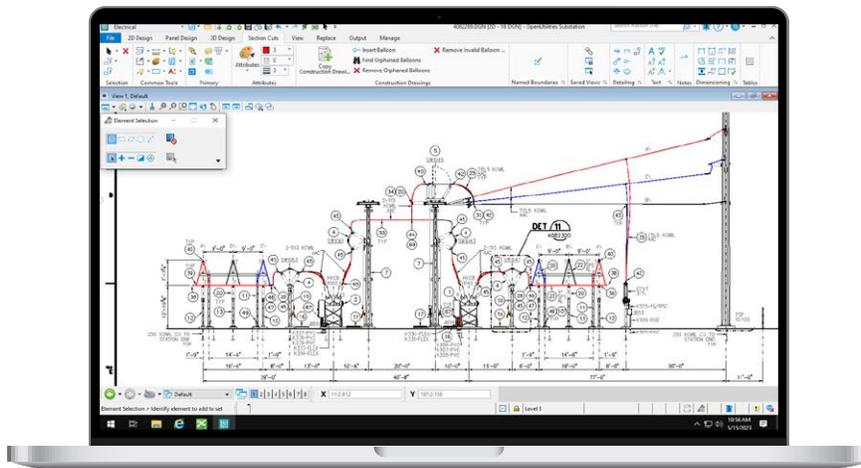
Utilities and their contractors are facing an ever-increasing need for greenfield and brownfield electrical substations to harden the grid and provide increased levels of capacity. Bentley's Substation Design Solution enables teams to produce designs faster and with greater accuracy to reduce costs, enhance safety, and deliver projects on budget and on time.

SPEED DELIVERY OF YOUR SUBSTATION DESIGNS WHILE REDUCING COSTS

Current substation design processes can be overrun with manual tasks related to accessing legacy data, disconnected design and analysis systems, and the coordination of various stakeholders. All of this can drive up costs and delay project delivery. To speed delivery of substation projects, responsible parties need access to reliable data and a connected environment to conduct key design workflows.

COMPREHENSIVE DIGITAL DESIGN WORKFLOW

With the Substation Design Solution from Bentley, all necessary data, applications, and systems can work together to create a streamlined and simplified design workflow. Build interactive 3D models to help maintain up-to-date inventory and increase project visibility while enhancing design capabilities and consistency. Enhance structural analysis by linking and cross-referencing drawings and reports. Automate critical steps such as clash detection, lightning protection, bills of material, and construction prints to improve safety and compliance while accelerating design delivery. Decrease the reliance on outdated manual tasks and build a more efficient design process for a more resilient future.



CHALLENGE

Keeping up with the growing and changing demand for greenfield and brownfield substations.

SOLUTION

Bentley's solution offers comprehensive digital design and system analysis in an open and connected environment, enabling streamlined substation design workflows and greater project transparency and collaboration.

KEY BENEFITS

- ◆ Deliver projects on time
- ◆ Reduce costs
- ◆ Optimize workflows
- ◆ Ensure greater compliance and safety
- ◆ Provide enhanced project transparency