ADDS™

ELECTRICAL UNDERGROUND RESIDENTIAL MODULE

THE FASTEST, MOST ACCURATE ELECTRIC DISTRIBUTION DESIGN SOLUTION FOR THE UTILITY INDUSTRY

Roussey Solutions introduces a breakthrough in URD technology. ADDS is a software module that uses advanced networking methodology to provide the utility industry with cost-effective design solutions. As a complete design package, ADDS delivers greater flexibility and accuracy.

Centralized Data Storage

With ADDS, job maintenance is a cinch. Data modification is accomplished through a user-friendly GUI interface. Since all data is stored centrally, modifications to the database are automatically reflected at all design stations. This ensures that all designers work from a consistent data set. This data need only be modified at initial installation or when corporate standards or equipment change.

User Defined Load Determination

Load determination is built up from many user defined parameters, including: residence type, residence size, electric design type, such as A/C, All Electric or Gas Heat, equipment size (A/C tonnage), and diversity tables. The various load definition tables would reflect data consistent with the user's current design methodology.

Equipment Tables determine Utilization

Equipment is modeled to a great detail to ensure engineering accuracy of the designs produced by ADDS. Transformer, cable, switched and unswitched modules, fuses, and terminal poles are just some of the equipment that is accounted for electrically in the ADDS software. Data such as cable resistance and impedance, transformer maximum KVA loads, fuse voltage and amperage limits, and module switch settings are some of the data that ADDS employs in determining a proper electric design.

Micro-Design Capabilities

The user has a multitude of choices in determining how a design will be created. Trenching, lot entry philosophy, and other options are selected prior to specifying a transformer site. Once a transformer has been placed, the site can be micro-designed by selectively adding lots to – or removing lots from – a transformer's load. This is done with different trenching and/or lot entry options to create hybrid designs or to address specific development layout considerations. The designer does not have to accept the design created by ADDS. A design can be actively altered to his/her liking, without fear of exceeding any design criteria.

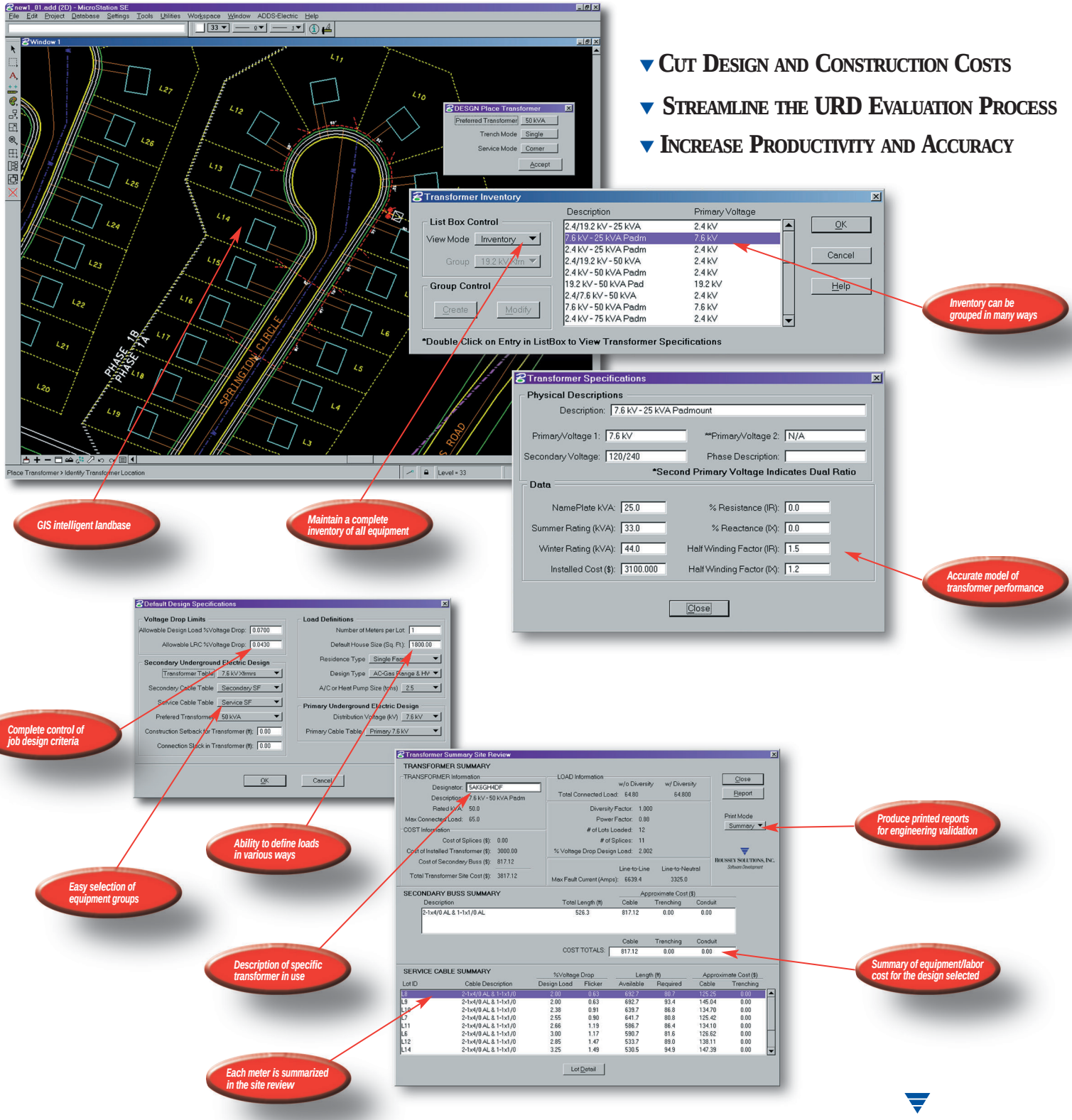
Detailed Output

Summary data for each transformer site can be displayed in addition to more detailed data for each lot. This allows engineering verification and can serve as a permanent record of the design.

ROUSSEY COMPANIES

ADDS™... A POWERFUL NEW SOFTWARE SOLUTION FOR THE UTILITY INDUSTRY

- CUT DESIGN AND CONSTRUCTION COSTS
- STREAMLINE THE URD EVALUATION PROCESS
- INCREASE PRODUCTIVITY AND ACCURACY



Deregulation of the utility industry has created a highly competitive environment – one that demands innovative new solutions. ADDS meets the challenge – with groundbreaking residential design software applications that give you a definite competitive edge.

ROUSSEY COMPANIES

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