

# etap<sup>®</sup> Student Edition

## Features & Restrictions

**License Duration:** 6 Months

**Bus Level:** 15 Bus (AC & DC combined)

**Network Configuration:** Stand-Alone

### Modules

- Base Module
- Cable Ampacity Only - ANSI & IEC
- Load Flow/Voltage Drop
- Panel Studies & Single-Phase Systems
- Wind Turbine Generator and PV Array
- HVDC Transmission Link
- Short Circuit - ANSI/IEC
- Unbalanced Load Flow
- Optimal Power Flow
- Voltage Stability
- Transient Stability
- Harmonic Analysis
- Reliability Assessment
- Star - Protective Device Coordination (Limited to 5 TCC Views)
- NetPM

### Additional Features

- Save and Open new/existing projects
- Output Reports with water marks

### Disabled Modules

- All Data Exchange Interfaces
- Cable Sizing (Phase and GRD/PE pages)
- Load Analyzer
- Short-Circuit GOST
- Motor Acceleration - Dynamic and Static
- Failure Mode Analysis
- AC Arc Flash - IEEE 1584 & NFPA 70E
- AC ArcFault - High Voltage
- DC Arc Flash
- DC Load Flow
- DC Short Circuit
- Star Auto - Evaluation
- Arc Flash - Auto-Evaluation
- Star Z - Distance Relay Protection
- Intelligent Geospatial Diagram + GIS
- Transformer Sizing
- Ground Grid
- Unified Load Flow
- Time Domain Load Flow
- Time Series Unified Load Flow
- Contingency Analysis
- Transmission Line Sag and Tension
- Volt/Var Optimization
- Load Allocation
- Fault Management & Service
- Optimal Capacitor Placement
- Unbalanced Short Circuit
- Battery Discharge and Sizing
- AC and DC Control System Diagram
- Underground Thermal Analysis
- Cable Pulling
- Switching Sequence Management
- Switching Optimization
- Generator Start-Up
- Motor Parameter Estimation and Tuning
- User-Defined Dynamic Models
- Dynamic Parameter Estimation and Tuning
- eTraX<sup>™</sup>
- Grid code - Harmonics

### Restricted Features

- All Rulebooks except for Auto-Build
- Sample Library
- AC Arc Flash Calculator
- DC Arc Flash Calculator
- Arc Fault Calculator
- AC AF - DGUV-I 203-077 Calculator