

トレーニングに必要な機能の確認

ETAP 21.0.2

File View Tools **Help** → About ETAP Licenseを選択

ETAP Enterprise

About **ETAP Capabilities** Real-Time Capabilities License

・参加するトレーニングのコースに対応する機能が黒色であることを確認願います。
(基礎1~3の場合は確認不要です。)

Base Package
Intelligent One-Line Diagram
Wind Turbine Generator
MG Set (Rotary UPS)
PV Array / Solar Panel
HVDC Transmission Link
Line Constants
Cable Constants
Libraries / Warehouse
DataHub
etapAPP™ Interface

AC Network Analysis
Load Flow
Load Schedule
Short-Circuit ANSI 動的'
Short-Circuit IEC
Short-Circuit GOST (1/2)
Motor Acceleration - Dynamic
Motor Acceleration - Static
Failure Mode Analysis

Arc Flash 保護2
AC Arc Flash - IEEE 1584
AC Arc Flash - NFPA70E
AC ArcFault - High Voltage
AC Arc Flash - ENA NENS 09
AC AF - DGUV - I 203 - 077
DC AF - DGUV - I 203 - 077
DC Arc Flash

Panel Systems
ANSI / NEC / IEC
1- & 3-Phase Panels

Protective Device
Star Coordination & Selectivity
Star Sequence-of-Operation 保護1
Star Short-Circuit
Star Auto - Evaluation 保護'
Arc Flash Auto-Evaluation
StarZ - Impedance Relay, T&D
StarZ - Sliding Fault & Line Loadability

Geographic Information System
Intelligent Geospatial Diagram
ESRI ArcGIS Import + Incremental
CIM Import
CIM Export
KML Import
MultiSpeak Import
OSM Import

Power Quality
Harmonic Load Flow
Frequency Scan
Filter Design & Sizing 高調波
Flicker Analysis

Transformer
Transformer Sizing
Unit Transformer Tap Optimization

Ground Grid Systems
IEEE 80 & 665 Method
Finite Element Method

Transmission
Unified Load Flow 潮流'
Time Series Unified Load Flow
Quasi-Dynamic Load Flow
Contingency Analysis
Optimal Power Flow
Voltage Stability
Line - Ampacity
Line - Sag & Tension

Distribution
Unbalanced Load Flow 不平衡
Volt/Var Optimization
Load Allocation
Fault Management & Service
Optimal Capacitor Placement
Reliability Assessment
Unbalanced Short Circuit - ANSI
Unbalanced Short Circuit - IEC
Unbalanced Short Circuit - GOST
Dynamic Short Circuit

DC Systems
DC Load Flow
DC Short-Circuit
DC Arc Flash
Battery Discharge & Sizing

Control Systems
AC Control System Diagram
DC Control System Diagram

Cable Systems
U/G Thermal - Neher-McGrath
U/G Thermal - IEC 60287
U/G Cable Magnetic Field
Cable Pulling
ICEA-P54
NEC
IEEE 399
IEC 60092
IEC 60364
IEC 60364 - PE Sizing, Electric Shock
IEC 60502
BS 7671
BS 7671 - PE Sizing, Electric Shock
NF C15-100
NF C15-100 - PE Sizing, Electric Shock
NF C13-200
AS/NZS 3008

ElectroMagnetic Transients
EMTP-RV Interface
PSCAD Interface
OPAL-RT Interface

Infrastructure Mgmt. Interface
Intergraph SmartPlant
AVEVA Electrical/Engineering
eDPP
AutoDesk Revit

Railway - eTraX
Train Performance Calculation
Train Unified Load Flow
Train Unbalanced Short Circuit

GridCode
Harmonics

Controller Digital Twin
Basic
Advanced
Development

Data Exchange
NetPM
Project Merge
Universal Mapping
Matpower
CYME
XML - Import
XML - Export
IEEE Format - Import
PSSE RAW Format - Import
PSSE RAW Format - Export
MS Excel - Import 基礎'
MS Excel - Export
GIS Excel - Import
MS Access - Import
SKM - Import
EasyPower - Import
AutoCAD - DXF - Export
AutoCAD - DWG - Import
AutoCAD - DWG - Export
Induction Machine Load Ticket
Paladin DesignBase
NTF-Import

Close

コース	参加するトレーニング
保護1	保護協調1 保護協調図作成
保護2	アークフラッシュ
保護'	保護協調2 過電流継電器ライブラリ + AE
動的'	電動機始動 + 等価回路推定
動的1	過渡安定度解析
動的2	ユーザ定義モデリング(UDM)

コース	参加するトレーニング
基礎'	Excel Export / Import + Auto Build
高調波	高調波解析
潮流'	時系列ロードフロー (Time Domain LF)
不平衡	単相モデリング + 不平衡潮流計算