

Operator Training Simulator

Improve and augment operator training through real-world experiential learning and evaluate contingency response to steady-state and dynamic scenarios for applications such as PMS, EMS, GMS, load shedding, and load demand controls.

- ✓ Accelerate operator & engineering training
- ✓ Virtual test of operator & controller actions
- ✓ Simulate & track the sequence-of-operation
- ✓ Ad hoc & pre-defined evaluation scenarios
- ✓ Avoid inadvertent outages caused by human error
- ✓ Improve & develop operator competency
- ✓ Trainer-to-Trainees learning environment
- ✓ Software-in-the-Loop system simulation

Operator Training Simulator

A model-driven power system training simulator that mimics the sequence-of-operation scenarios using real-time data to perform and validate actions such as generator synchronization, load shedding, configuration switching, motor startup, and more.

Preventive Simulation

Preventive analytical modules provide automated alarms and warnings to the operator on possible events such as generator outages, contingencies, and suggest remedial actions.



etap SIL™ – Software-in-the-Loop technologies for dispatcher training & system commissioning