KEENTEL ENGINEERING
An engineering company

Trusted Experts in Advanced Power System
Modeling, Simulation, and Compliance

PSS®E SIEMENS **PSSE (Siemens/PTI)**

Efficiency: Industry-standard for **transmission planning & dynamic stability studies**

- Load Flow & Short Circuit Analysis
- Dynamic & Transient Stability Studies (TSAT-ready models)
- Voltage & Reactive Power Optimization
- Interconnection & Compliance Studies (NERC/ISO/RTO)
- Model Validation & Benchmarking

etap **ETAP**

Efficiency: Comprehensive tool for **industrial, commercial & utility networks**

- Arc Flash Hazard & Protection Studies
- Load Flow, Short Circuit & Motor Starting
- Relay Coordination & Protective Device Settings
- Renewable & Microgrid Integration Studies
- Energy Management & Reliability Analysis

PSCAD **PSCAD/EMTDC**

Efficiency: Best-in-class for **time-domain electromagnetic transient studies**

- Inverter-Based Resources (IBR) & BESS Modeling
- EMT-Level System Performance (FRT, HVRT, LVRT)
- Control System & Protection Relay Validation
- Hardware-in-the-Loop (HIL) Testing
- EMT to RMS Model Development & Conversion

POWER SYSTEM SOLUTIONS **DIgSILENT PowerFactory**

Efficiency: Highly flexible platform for **transmission & distribution studies**

- Grid Code Compliance for Wind, Solar & DERs
- Harmonic & Power Quality Studies
- Protection Coordination & Selectivity
- Dynamic Simulation for Distribution Systems
- Reliability & Contingency Assessments

Why Choose Keentel Engineering?

- 30+ Years of Transmission, Distribution & Renewable Experience
- NERC PRC & Grid Code Compliance Experts
- Multi-Software Expertise- Right Tool for the Right Study
- Custom Reports with Professional Engineer (P.E.) Seals
- Fast Turnaround & Cost-Effective Solutions