Energy Consulting

PSLF Training

Python Programming for PSLF

(3-day Class – 12 Training Hours)

Table of Contents for Class:

The course is intended for:

This class is intended for engineers.

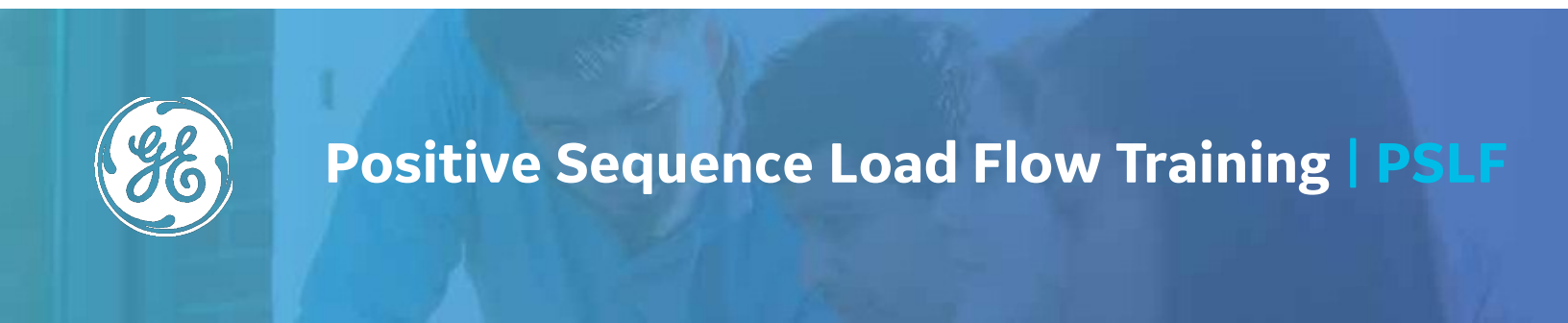
Class objectives

Day 1: Basics of Python language

- "Under the hood"
    - How is Python program executed?
- IDLE
- Variables
- Input/Output
- Decisions (loops)
- Repetitions (if statements)
- Lists/Tuples
- Dictionaries
- Sets

Day 2: Basics of Python language

- Functions
- Libraries/modules
- Object oriented programming
    - Classes and inheritance
    - Encapsulation and information hiding
- GUI and event-driven programming (Optional)
- Write portable code
- Test and debug code
- Use programming tools



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Day 3: Python for PSLF

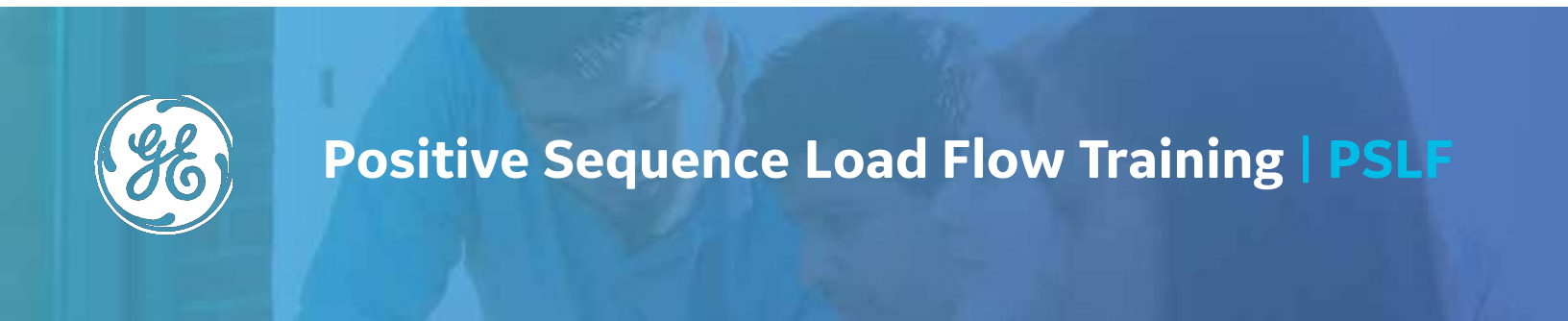
- PSLF GUI
- PSLF variables
- PSLF record names
- Access to PSLF commands
- Access to PSLF functions
- EPCL to Python

Recommended prior knowledge:

Basic knowledge of PSLF package is essential. Background in power systems analysis, Knowledge of a text editor such as Textpad, Familiarity with Microsoft Windows®.

Note: The course is held in English. Class subject to change. Class times are 8 am - noon, Pacific time.

For more information visit: **www.geenergyconsulting.com**



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