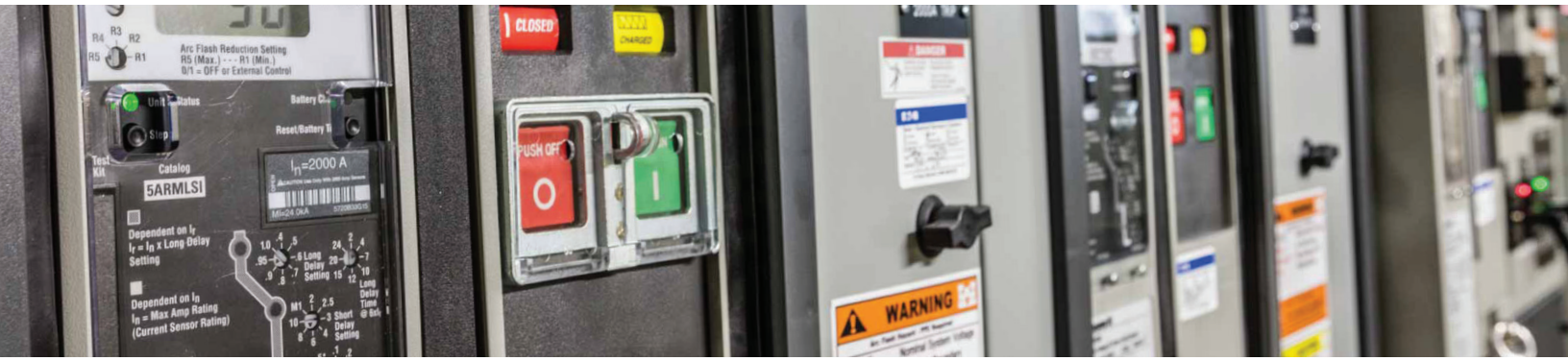
SENECA SAWMILL CAPITAL UPGRADE



CLIENT
Seneca Sawmill Company

LOCATION
Eugene, OR

TIMELINE
May 2014 – Current

DIVISION
Construction, Controls & Engineering

VALUE
$3,000,000

OVERVIEW

Olsson Industrial Electric was selected to expand and upgrade the power distribution system at the Seneca Sawmill facility located in Eugene, OR–a $3M project. Designed and built by Olsson, the power distribution expansion includes: the relocation and installation of new 12.47 kV overhead to cable risers; new medium voltage circuits in ductbanks for existing vacuum fault interrupters and a new 15 kV, 6-way padmount switch; installation of seven substation transformers rated 1000 kVA to 2000 kVA; installation of new 15 kV pad-mounted switchgear; and extensive 480 V switchgear and switchboard installation.

One phase of the construction included the installation of a 2000/2300 kVA, Class I, 3-Phase, oil-immersed transformer. The transformer was tied into the existing system with the primary connected to 15 kV switchgear and the 480 V secondary feeding a new compressor/sorter/stacker line via switchgear. The transformer was installed in an active sawmill without any safety incidents or unintended process interruptions.

SCOPE

- Install seven Class 1, oil filled transformers rated 1500 kVA to 2000 kVA
- Relocation and installation of new 12.47 kV overhead to cable risers
- New medium voltage circuits in ductbanks for existing vacuum fault interrupters
- Install a new 15 kV, 6-way padmount switch
- Install a new 15 kV pad-mounted switchgear
- Extensive 480 V switchgear and switchboard installation

HIGHLIGHTS

- Design and implement temporary power solutions

OLSSON
INDUSTRIAL ELECTRIC