

Power Distribution

A platform overall power system may at first seem daunting, but by using the single line diagram (SLD), it can be easily broken down and understood.

Power is generated by the gas turbines and distributed to switch rooms located in various parts of the facility where it is distributed further to lower voltage switchboards and ultimately to the final consumers.

Looking at the SLD in the attached figures, you will see that there are numerous breakers that allow generators and parts of the system to be selectively connected or isolated, allowing the facility operators flexibility in isolating for maintenance/breakdown work, or for other operational reasons. The SLD also identifies the physical location of the various main switchrooms.