

ES4016 Power turbine overspeed governor upgrade

Improve power turbine overspeed governor reliability



Engineered solution purpose

This engineered solution has been introduced to improve the reliability and consistency of the power turbine overspeed governor.

Applicability

All RT62/RT56/RT48S power turbines built prior to 1990

Technical description

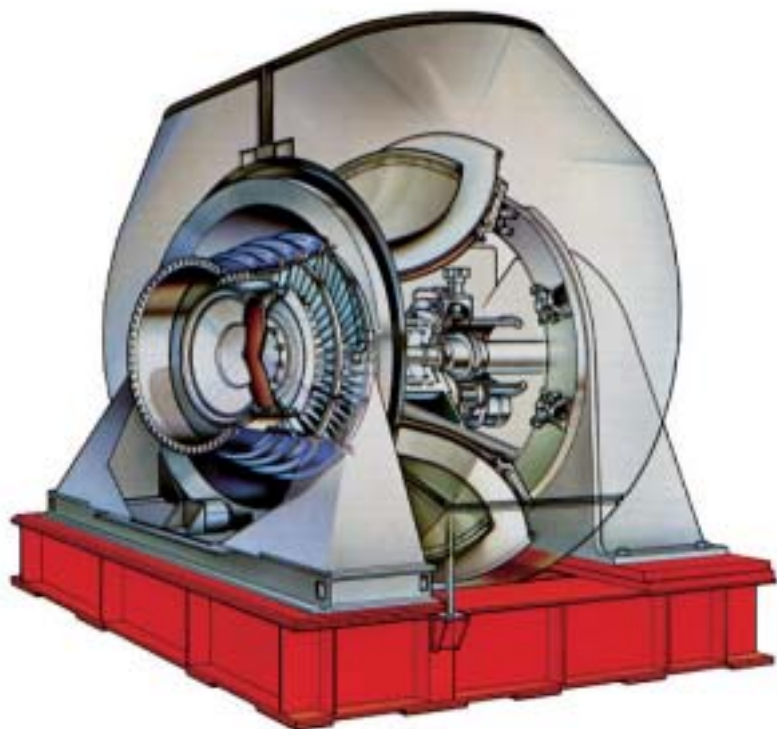
Remove the existing mechanical governor and install the speed probes required for the electronic governor.

Benefits

This upgrade improves the reliability and consistency of the overspeed governor. The upgrade will also reduce power turbine maintenance.

Experience

There are a significant number of units operating in the field.



Scope of work

Remove existing mechanical governor and install speed probes
 Isolate the old oil supply and mechanical governor mounting point
 Install control panel speed sensing switch

Bill of materials

Speed probes
 Wiring
 Speed sensing switch

Undertaken

At site

Bundling opportunities

RT48 to RT48S upgrade [ES4001]
 RT62/RT56 RB211-24G upgrade [ES4013]
 Instrumentation upgrade
 Power turbine overhaul