

ES4010 RT62 inner and outer inlet diffuser upgrade

Reduce the risk of distortion to inner and outer inlet diffuser



Engineered solution purpose

This engineered solution eliminates the possibility of outer inlet diffuser cracking and warping of the inner inlet diffuser.

Applicability

All RT62 power turbines

Technical description

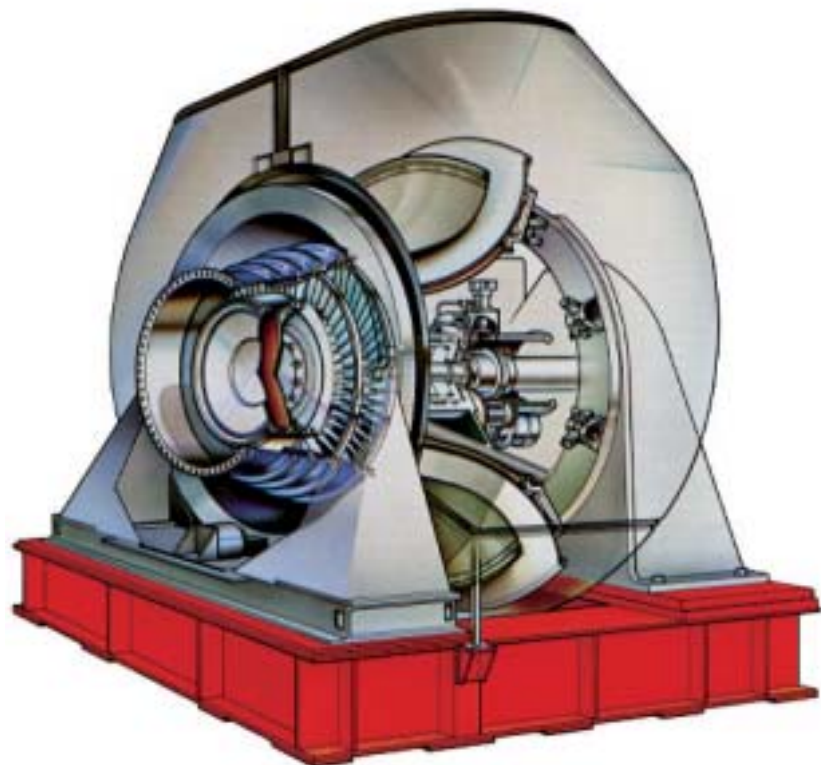
RT62 inner inlet and outer inlet diffuser components are modified. Additional ribs are incorporated to reduce warping and flange welds are improved.

Benefits

The improvement significantly reduces the possibility of the diffuser suffering a compromise to in-service performance. If the power turbine is operating at RB211-24G ratings the improvement is highly recommended.

Scope of work

New components are supplied for the diffuser.



Bill of materials

Inner inlet diffuser
Outer inlet diffuser
Power turbine fasteners

Undertaken

At site

Bundling opportunities

Power turbine overhaul
RT62 RB211-24G rating upgrade
[ES4013]

RB211 early variant to 24G upgrade
[ES3002]