

ES4009 RT62 exhaust diffuser support upgrade

Installing new production standard support reduces the possibility of in-service failure



Engineered solution purpose

This engineered solution improves the reliability and prolongs the operational life of the power turbine.

Applicability

All RT62 power turbines

Technical description

The RT62 exhaust diffuser support is replaced. This process involves a major disassembly of the power turbine.

Benefits

By upgrading the exhaust diffuser support a potential risk of failure is reduced. On the rare occasions when failure has occurred, significant work is required to repair the unit. The upgrade also brings the support up to the current build standard.

Experience

The projects listed below are not an all-inclusive list, but are representative of projects where this upgrade has been applied:

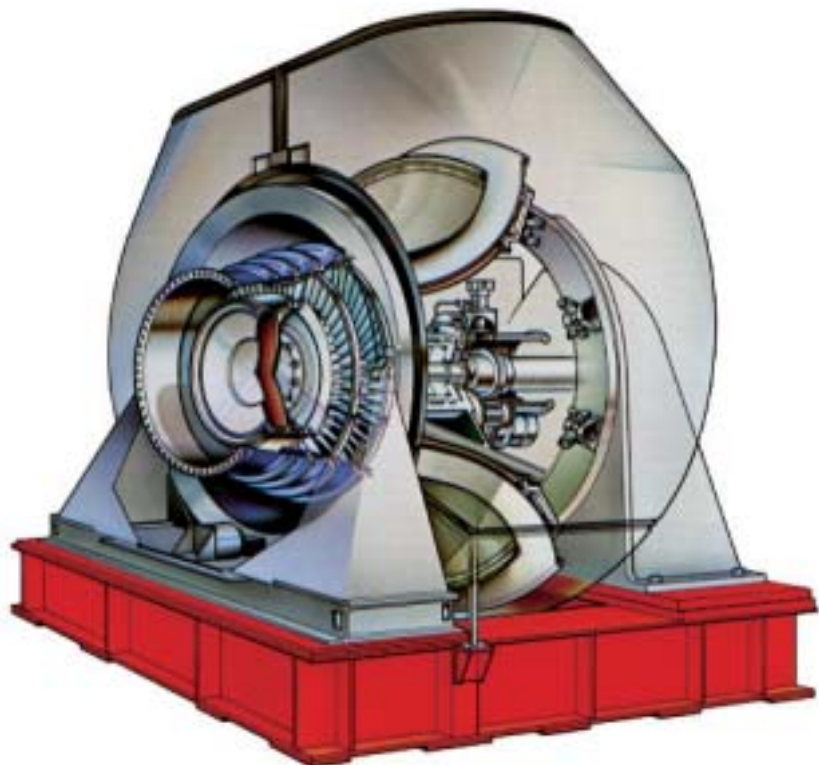
BP Anschutz Ranch - 2

Occidental Premium - 1

TCPL - 5 +

PG&E - 3

Osaka PetroChemical - 1



Scope of work

The diffuser support is replaced by the current production standard component.

Bill of materials

Exhaust diffuser support

Power turbine fasteners

Undertaken

At site

Bundling opportunities

Power turbine overhaul

RT62 RB211-24G rating upgrade
[ES4013]

RB211 early variant to 24G upgrade
[ES3002]