



2024 SGT-A35 (RB211) UGM TOPICS

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Introduction to ETN Global Specific Engine database

ETN Global establishes independent user groups for widely-used gas turbine engines in power generation, industrial, and oil and gas sectors. The goal is clear: to create a unified, independent voice articulating user concerns and connecting the entire gas turbine value chain.

Over the years, the ETN Global SGT-A35 Steering Committee has gathered and documented all reported issues from the SGT-A35 user community into an online database. This fosters coordination within the user group and also enables data sharing among engineers within the internal organization.

This secure database is exclusively accessible to ETN Global members who are both owners and operators of the engine. All reported issues are anonymously documented without any attribution to the source. Users exchange experiences during the monthly ETN Global User Group follow-up meetings. Any ETN Global user has the option to update, add, or resolve listed issues at any time.

As a gas turbine operation and maintenance manager for this engine, access to this database is highly valuable. It offers alternative solutions and best practices to address specific issues, which can be easily shared with fleet operators. Additionally, our regular virtual meetings are crucial for users to exchange experiences and discuss any emerging engine issues.

The issues are categorized/prioritized as follows:

CAT-1: events with an important impact on operations and that the OEM is asked to address with a presentation. Invited Independent Service Providers are invited to address these topics with a presentation if relevant to them.

CAT-2: events with a lower impact and for which a written answer is requested

A brief summary of the selected prioritized topics from the online database that will be discussed during the meeting **is presented on the following page**. Detailed information about the issues can be found on the database, accessible to only ETN Global members who are both owners and operators of the engine.

CAT-1: Top Issue. OEM / ASP presentations are required.

CAT-2: Written answer requested

CAT-1	TOPICS ADDRESSED DURING USER GROUP MEETING			
Power Turbine (Lack of alternative for service)	Power turbine disks and rotor	Update on Supply Chain	Fuel valve controllers	Power turbine seals
Latest development and experiences on alternative fuels	IPC Stage 5 & 6 stator vane disintegration	HPT blades scrap after 25000hrs of operation	Support on auxiliaries systems	HP Bearing catastrophic damage
Piston seal disintegration, internal corrosion	No longer Exchange Engine for an RT 61 available	Discharge Nozzle + Combustion Chamber > no more repair/overhaul	Engine tripped by the failure of the speed sensors	

CAT-2	TOPICS ADDRESSED BY LETTER			
RT62X Upgrade	Leaks (Fuel metering valve)	Lube Oil System	Oil leakage IPC	Spare parts
Organisation of SE	Upgrade of test bed of TCT and cross-calibration program	Abradables of HP Compressor	Starter crash re-engagement	Corrosion of welding (Exhaust Cone)
Inboard sealing seals	Difficult access to the power turbine instrument	Defective lateral analysis	Nozzles module D	Plates behind fuel injectors (distress)
Power turbine rotor (alignment)	Hexavalent Chromium findings			

Best regards,

Antonio Escamilla,
ETN Client Relationship Manager

"ETN Global is a non-profit membership association that, through cooperative efforts and by undertaking collaborative activities and projects, encourages and facilitates knowledge sharing and cooperation among its members. It aims to accelerate research, development, and demonstration of safe, secure, affordable, and dispatchable carbon-neutral energy solutions within the next decade."

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