# **CASE STUDY**



# Retrofits: Conversion of mechanical governing system to **electronic governing system**

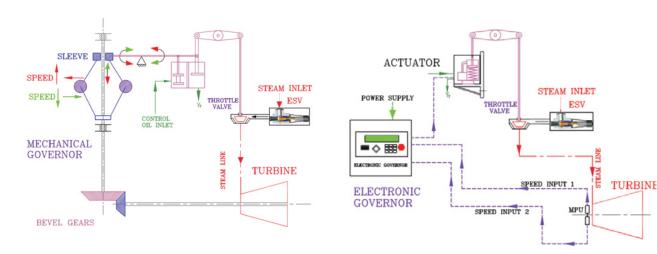
## INTRODUCTION

There are a large number of legacy and older equipment operating with mechanical governing systems which become sluggish over a period of time and require to be adjusted at regular intervals to avoid risk to the turbine.

Triveni refurbishing has a dedicated team that works with customer to convert existing mechanical systems to electronic governing system whether simple non configurable or the high end configurable systems which do away with the need of a standalone PLC depending on customer requirement

### TYPICAL MECHANICAL GOVERNING SYSTEM

### ELECTRONIC GOVERNING SYSTEM



# **CHALLENGE**

Understanding the existing mechanical system & integrate the electronic governor & actuator with as few modifications as possible at site

## **SOLUTION**

Review the existing architecture and build the new one to support the system, implement and commission the project. Triveni Refurb team has implemented a number of such systems across the world

A satisfied Customer stated "The project was extremely complex but Team Triveni executed the job well. The team was very efficient, knowledgeable and quick to act. We thank them for a very successful execution of this project in the given timeline".



# Global **Network**

## **INDIA**

SALES, SERVICE AND MANUFACTURING FACILITY

Triveni Turbine Limited

12-A, Peenya Industrial Area, Bengaluru-560 058, Karnataka, India. Phone: +91 80 22164000

Fax : +91 80 22164100

SALES, SERVICE AND MANUFACTURING FACILITY

Triveni Turbine Limited

Plot No.491, Sompura 2nd Stage, KIADB Sompura Industrial Area Nelamangala Taluk, Bengaluru Rural - 562 123

## **THAILAND**

MARKETING AND SERVICE OFFICE

Triveni Turbines DMCC

571 RSU Tower, Unit 903, 9th Floor, Sukhumvit 31 Road, Klong Ton Nua, Wattana, Bangkok 10110, Thailand

Phone: +66 2 117 9575, Fax : +66 2 662 3416

## **INDONESIA**

MARKETING AND SERVICE OFFICE

Triveni Turbines DMCC

Suite No. 56, 23rd Floor, ANZ Tower, Jl. Jend. Sudirman, Jakarta Pusat - 10220, Indonesia Phone: +62-21-29546888

Fax : +62-21-29546889

## **UAE**

SALES AND SERVICE OFFICE

Triveni Turbines DMCC

4502-14 & 4502-15, 45th Floor, Al Mazaya Business Avenue - Tower BB2, Jumeirah Lake Towers, Dubai, United Arab Emirates, P.O. Box 393509 Phone: +971-4 5670752

Phone: +971-4 5670752 Fax : +971-4432 8232 **SOUTH AFRICA** 

MARKETING AND SERVICE OFFICE

Triveni Turbines Africa (Pty) Ltd.

AMR Building, 3 Concorde East Road, Bedfordview, 2007, South Africa Phone: +27 10 007 5245 / 5246

Email: customercare@triveniturbines.com

# www.triveniturbines.com