

Freeport LNG CZJV Chiyoda / Zachry Joint Venture Pre-Commissioning, Commissioning, and E&I



**Multi-Disciplined
Team**

The Freeport LNG is a 20 million tonnes per annum (Mtpa) natural gas liquefaction and export project being developed on the Quintana Island near Freeport, Texas, US

EnerMech Americas undertook a range of electrical & instrumentation pre-commissioning, commissioning and rectification scopes on Trains #1, #2 & #3

Client: CZJV Chiyoda / Zachry Joint Venture

Year: 2017 - 2020

Product/Service:
Pre-Commissioning, Commissioning, E&I

Scope of work

Pre-commissioning, Commissioning
Rectification of Electrical and
Instrumentation for Trains #1, #2 & #3
Installation and Certification of +5000
Cable Penetrations.

Repair and replacement of Thyristor
systems and controls.

Commissioning of PCR E-Houses
Electrical HV, MV and LV Commissioning of
3 Turbine Generators.

EEHA Inspections and rectification works on
all Ex field and instrument equipment and
Dossier collaboration.

Project Delivery

EnerMech provided Sr. Level
Commissioning Project Management and
Supervision and Electrical and
Instrumentation Commissioning
Technicians during the pre-commissioning
and commissioning phases.

EnerMech coordinated commissioning for
the JV team and all GE supplied equipment.

EnerMech partnered with GE during the
installation & commissioning of GE
equipment.

EnerMech Quality and Control
Generated all commissioning reports and
documentation databases.

Key Benefits

EnerMech's combined Project
Management and Supervision led the way
to ensure that Trains #1, #2 and #3
were successfully commissioned and
flowing product on schedule.

EnerMech provided multi-discipline and
specialized commissioning Technicians,
which enabled EnerMech to complete all
of the trains with excellence.

EnerMech's team of quality control and
assurance personnel ensured that the
expedited schedules were met and often
times exceed to ensure on-time delivery.