



# OIL & GAS DOWNSTREAM APPLICATION CHEMICAL INDUSTRY ZHEJIANG CENWAY NEW MATERIAL

## OWNER

**Zhejiang Cenway New Material Co., Ltd.**

## LOCATION

**Zhejiang Province, China**

## PRODUCT

**One Mars® 100 SoLoNOx™ Mechanical Drive**

## CUSTOMER VALUE

**Carbon Reduction**

Zhejiang Cenway New Material Company is a halogenated butyl rubber supplier in China with the capacity of 200,000 tons per year.

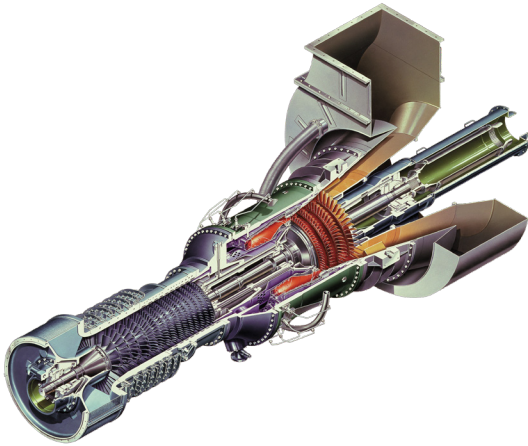
In March 2021, with the goal of achieving carbon reduction, Cenway decided to replace their existing coal boiler and steam turbine with one Mars® 100 gas turbine from Solar Turbines driving a compressor. This gas turbine solution is calculated to reduce fuel cost by approximately 30% per year and carbon emissions by 70% compared with their previous coal boiler configuration.

A natural gas boiler has also been considered, but the efficiency and lower fuel cost of the gas turbines were the deciding factors in selecting the gas turbine solution.

# Solar® Turbines

*A Caterpillar Company*

## Oil and Gas Downstream Application – Chemical Industry



### PLANT DATA

One Mars 100 (11.8 MW) SoLoNOx Mechanical Drive Unit

Heat Recovery Steam Generator

Fuel: Natural Gas



### OUR PRODUCTS AND SERVICES

Gas Turbine Package and Auxiliary Support

Startup and Commissioning

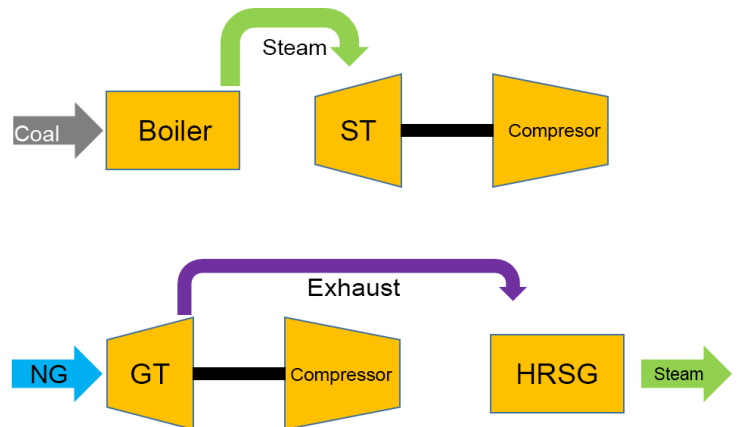
Operation and Maintenance Training

Full-Service Agreement

**OPEX REDUCTION**

**CARBON REDUCTION**

**LOCAL AND RELIABLE SERVICE**



**Mechanical Drive, 11.8 MW Rating**

Solar Turbines Incorporated  
Phone: +1 619 544 5352 (US), +86 10 59211900 (China)  
Email: [infocorp@solarturbines.com](mailto:infocorp@solarturbines.com) Web: [www.solarturbines.com](http://www.solarturbines.com)

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CSOGD-ZCNM/0123/E0

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