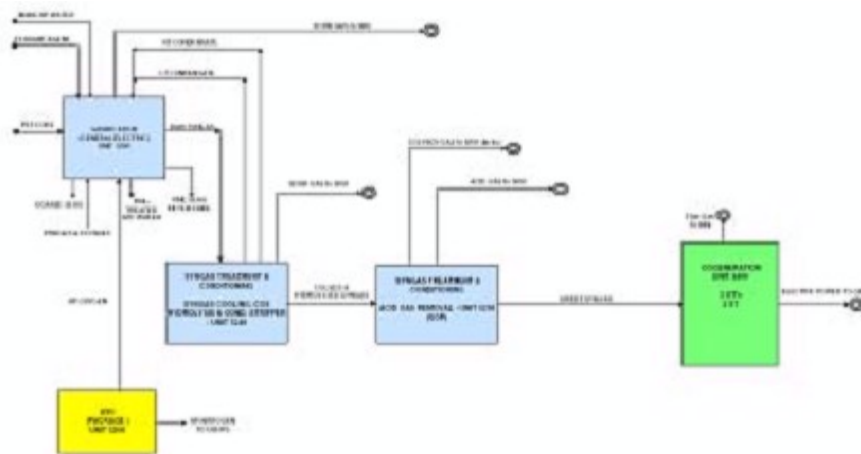


2060 TPD PETCOKE IGCC

POWER

TANECO - Nizhnekamsk Refinery
Nizhnekamsk – Tatarstan - (Russia)



**COMPLETION
DATE 2007**

PROJECT DESCRIPTION

The IGCC is part of the new Refinery and Petrochemical Complex that includes a Delayed Coker, a large Hydrocracker, a Polypropylene Unit and all needed auxiliary and utilities units. The IGCC block is composed of :

- 2060 TPD petcoke GEE gasification process based on 2 Gasifiers; Grey Water Pretreatment for ammonia stripping and solid filtration.
- Syngas cooling, treatment in COS Hydrolysis Reactor and cleaning in UOP amine based Acid Gas Removal; recovered condensate is stripped.
- 235 MW Power Plant, based on Combined Cycle Configuration and including 3 x GE6FA gas turbines, HRSG's and 2 condensing type steam turbines.

FOSTER WHEELER ITALIANA SCOPE OF WORK

Front End Engineering Design (FEED); Foster Wheeler Italiana scope includes the IGCC and the Polypropylene Unit; Foster Wheeler France scope the refinery units; Foster Wheeler Ltd. (UK) SGPE the Delayed Coker Unit.