

PROJECT DETAILS

Customer: Natural Fenosa, La Robla thermal power plant and Narcea thermal power station

Location: La Robla, León, Spain - Tineo, Asturias, Spain

Year: 2007 (La Robla) and 2008 (Narcea)

Sector: Energy

Division: Industrial wastewater



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PROJECT DESCRIPTION

Gas Natural Fenosa has 2,375 MW of coal and gas-fired power stations in the world.

The La Robla Thermal Power Plant is a conventional coal-fired thermoelectric plant located near the Bernesga River in the municipality of La Robla in the province of León (Spain). It consists of 2 thermal groups of 284.2 and 370.7 MW.

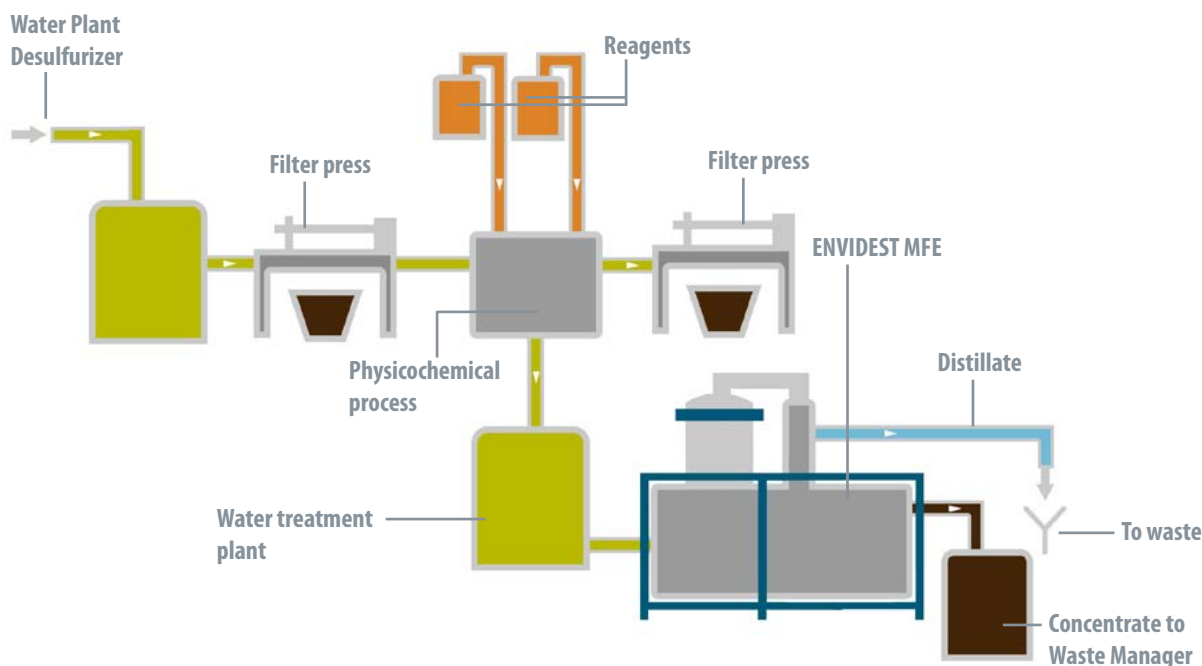
The Narcea or Soto de la Barca thermal power station is a conventional cycle thermoelectric plant located near the river Narcea in the municipality of Tineo, Asturias, Spain. It has 3 thermal groups of 55.5, 166.6 and 364.1 MW, respectively.



Request: Treatment of 4 m³/h (La Robla) and 5.5 m³/h (Narcea) of wastewater from its Flue Gas Desulfurization (FGD) system.

Solution: LA ROBLA: Complete plant with filtration pretreatment + physicochemical phase + ENVIDEST MFE-96.000 vacuum evaporator-crystallizer made of special anticorrosive material.

NARCEA: Complete plant with filtration pretreatment + physicochemical phase + ENVIDEST MFE-132.000 vacuum evaporator-crystallizer made of special anticorrosive material.



RESULTS

- ZLD with 94% recovery of treated water to process
- Minimization of final waste for management (salts)

CONTACT INFORMATION

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