

## Pall Corporation to Supply Mobile Advanced Water Treatment Technology to European Power Plant

A large European power plant was in need of a reliable source of water to feed their demineralizing unit. The existing conventional groundwater treatment technology was unable to provide stable water quality. Also, there was a need for a more abundant water source.

Pall Corporation, on very short notice and in close cooperation with the operator (Induss), provided a long-term rental solution to use water from the adjacent river.

A fully Integrated Membrane System (IMS) was installed to treat the variable river water. The IMS was effective and produced high quality water, exceeding the specifications of the existing demineralization water plant.

Note: the river water was characterized by seasonal variations, variable organic load, and suspended solids.

The project was completed in 2013.

Pall's IMS solution featured two main components:

- 1) Two high capacity Pall Aria™ Mobile PAM C60 Membrane Filtration Systems for biological and organic control and the removal of all particulate matter from the river water



- 2) Three Reverse Osmosis (RO) containers to deliver high quality water with low levels of dissolved salts and organics



Total permeate flow  $>100\text{m}^3/\text{h}$ .

Pall Corporation is a leader among industrial firms providing permanent and mobile membrane technology solutions for municipal and industrial water and emergency relief applications. Pall provides water treatment systems for large and small municipalities and industrial customers around the world. Pall's filtration technology is increasingly becoming a critical component in intake and process water for all industrial activities. Pall's technology helps ensure a greener future by enabling businesses to conserve and reuse water.

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