



CASE STUDY (030-M-E) **Municipality, Greece**

**Sea Water Desalination System
producing 900 m³/day potable water**

DATE OF IMPLEMENTATION
2018

PROJECT

TEMAK S.A. installed a desalination plant producing 900 m³/day of potable water at a Greek island, covering 58% of the total potable water demand. For the project's implementation, the quality and quantity requirements during the summer were taken into account, due to the radical increase of the tourists at the Greek Island, that faced water shortages the last few years.

The project aimed at replacing and upgrading the capacity of the existing desalination plant in this island. By the implementation of this project, the main objectives, such as dealing with potable water shortage, covering high summer demand and improving the quality of the potable water supply were achieved. At the same time, the water

resources and the environment were protected for the wider area of the island, since the unit is fed with sea water and not with well water, which shows signs of increasing salinity all over this island. It shall be noted that in order to meet island's ever-increasing water supply needs, the authorities had to carry the additional quantities of water by water-trucks.

Since 1980, TEMAK has been at the side of local communities covering their needs with reliability and consistency, having a full range of certified water treatment products.

Thanks to the systems manufacture in Greece and the high expertise of its specialized staff, TEMAK is able to offer total water treatment solutions, from study and design to manufacture and installation of required systems.

The 750.000 m³/day of clean potable water or water for general uses, produced daily from TEMAK's installed systems in Greece and 26 abroad countries, constitute the proof of our experience and know-how in water treatment.