

3. Chennai Desalination Project

Chennai city with a population of 75 Lakhs has water demand of approximately 1500 MLD. Chennai is dependent on rainwater and surface water resources to meet this demand. In order to supplement the available resources, Government of Tamil Nadu in the year 2004 decided to implement a mega water project based on desalination. The capacity of the desalination project was envisaged at 300 MLD along with associated piping of 50km and a power project of 100 MW

TWIC was engaged by Government of Tamil Nadu to carry out the pre-feasibility study of the project. TWIC developed and prepared the report, which addressed the following issues:

- a) Selection of project sites
- b) Technology assessment
- c) Preliminary technical and commercial evaluation.

These reports formed the basis for implementation of the desalination projects in Chennai