

A Technical-Economical Study of a New Solar Tray Distillator

Authors : Abderrahmane Diaf, Assia Cherfa, Lamia Karadaniz

Abstract : Multiple tray solar distillation offers an interesting alternative for small-scale desalination and production high quality distilled water at a competitive cost using solar energy. In this work, we present indoor/outdoor trial performance data of our multiple tray solar distillation as well as the results of cost estimation analysis.

Keywords : solar desalination, tray distillation, multi-étages solaire, solar distillation

Conference Title : ICWRCOE 2015 : International Conference on Water Resources, Coastal and Ocean Engineering

Conference Location : Kuala Lumpur, Malaysia

Conference Dates : February 12-13, 2015