

عنوان مقاله:

Assessment of sustainability in desalination plants

محل انتشار:

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خلاصه مقاله:

The paper presents an attempt to assess sustainability of desalination plants for water production based on resource, environmental and economic indicators. Four types of desalination plants are taken into a consideration: single MSF, dual purpose MSF, RO with local energy consumption and RO with PV electric energy production. The analysis is based on data from desalination plants in Gulf countries. In particular, it reflects water production demand and energy sources used for the individual plants

کلمات کلیدی:

Sustainability; Desalination plant; Indicators; Resources; Environment

لینک ثابت مقاله در پایگاه سیویلیکا:

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