



Djibouti Off-Grid Water Treatment Plant and Distribution Network

Lac Assal, Djibouti



Project Details

Client:	Red Sea Power (RSP)
Project Type:	Water As A Service
Initiated:	June 2021
Completed:	July 2023
Design Capacity:	160 m ³ /dd
Project Value:	CAPEX ZAR 17 m

Project Description

IWS, in partnership with RSP, is developing (including permitting) the installation and commissioning of a 100% solar-powered water mini-grid including a desalination unit (OSMOSUN®), storage, and automatic distribution system for two semi-nomadic villages in Djibouti. This project will provide a combined volume of approximately 50,000 Litres of potable water to the two villages each day. The facility will be owned and operated over 20 years through a special purpose vehicle incorporated in Mauritius, “Oasis Water” (main shareholder ENEO WATER at 70%) under a Water Access Agreement with the client. IWS will act IWP, through its 30% ownership of OASIS WATER, and as EPC and O&M manager. The project will incorporate an extensive monitoring and control system to ensure that the system is operating at its best efficiency and that water is consistently provided to the communities involved.

Project Impact

