



Metahara 100 MW PV Power Plant

Environmental and Social Impact Assessment



The site at Metahara | Photo: Jørn Stave

Ethiopia’s state-owned electric power company is planning to develop a 100 MW PV power plant near the town of Metahara, 200 km east of the capital Addis Ababa. The project is part of Power Africa, a US-led initiative to promote renewable energy in Africa. The plant will be built and owned by an Independent Power Producer selected through an international competitive tender.

The Metahara PV power plant, which will supply electricity to the Ethiopian national grid, will be one of the largest solar power facilities in Africa. 250 hectares of undeveloped land beside the main road between Addis Ababa and Djibouti have been set aside for the project. Solar panels and other equipment will be transported by road or rail from the port in Djibouti.

PROJECT	PROJECT TYPE	LOCATION	CLIENT	TIME PERIOD	KEY NUMBERS
Metahara PV power plant in Ethiopia	Solar power	Ethiopia	Ethiopian Electric Power	2017 -	100 MW 250 ha

SCOPE OF WORK

Multiconsult is responsible for the environmental and social impact assessment for the Metahara PV power plant. The study will be performed in accordance with national environmental laws and the World Bank's guidelines and standards. This is a precondition for the project to receive a license, and for the private developer to obtain international financing.

The impact assessment will cover important issues like land use and compensations for farmers and cattle herders who use the area on a seasonal basis. Impacts on the natural environment and biodiversity will also be assessed, since the site lies close to Awash National Park. Other important topics include landscape and cultural heritage. Environmental and social management plans will also be prepared up for the construction and operating phases.

OUR SERVICES

- Scoping Report
- Environmental and Social Impact Assessment
- Environmental and Social Management Plan

DISCIPLINES

- Solar energy
- Biology
- Landscape
- Sociology
- Archaeology



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