

# Environmental assessment of oman telesolar-powered communication cabinet inverter

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Does Oman need an environmental impact assessment (EIA)?

In accordance with national legislation (MD 48/2017), the Project is classified as a Category 'A' activity and requires an Environmental Impact Assessment (EIA). The EIA A (also known as ESIA A) received approval from Oman's Environmental Authority in July 2024, along with the associated permit conditions.

How does the north Oman solar PV project support the economy?

It mainly supports the economy by sourcing services from local businesses rather than providing direct jobs. The area of influence (AoI) for the North Oman Solar PV Project extends 15 km around the site, located in the Ad Dakhiliyah Governorate, specifically in the Wilayat of Adam.

What is environmental protection in Oman?

Environmental protection within Oman is primarily governed by the "Law for the Conservation of the Environment and the Prevention of Pollution" (Royal Decree 114/2001) which is managed by the Environmental Authority (EA), formerly known as the Ministry of Environment and Climate Affairs (MECA).

Who is supplying electricity to Petroleum Development Oman (PDO)?

The electricity produced will be supplied to Petroleum Development Oman LLC (PDO). To connect the power to PDO's grid, a 132 kV aerial transmission line, about 5 km long, will link the Project's substation to PDO's existing Saif Nuhaydah Depletion Compression substation.

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3.1.6 EIA Methodology  
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4. EIA REPORT  
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4.3 PROJECT DETAILS AND DESCRIPTION  
4.4 PROJECT ALTERNATIVES  
4.5 SITE DESCRIPTION AND ENVIRONMENTAL SETTING  
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4.9 ENVIRONMENTAL MANAGEMENT PLAN (EMP)  
4.9.1 Environmental Monitoring Programs  
4.10 GENERAL REQUIREMENTS DURING EIA STUDY  
4.11 CONCLUSION  
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The objective of this guideline are as follows - Assist in the assessment of likely environmental impacts from the implementation of

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the project; Identify, assesses and specify methods, measures and standards, technologies to be included in the detailed design, construction and operation of the proposed developments which are necessary to mitigate ...See more on duqm.gov.om?????? ?????? ??????Environment Affairs - ea.gov.omIn addition to taking care of the environmental impact assessment processes for industrial and service projects and infrastructure projects before they are established, it also organizes regular programs ...

The outcome of the EIA process is the Environmental Impact Report. Note that within Sohar Free Zone (SFZ) and Sohar Port there are a range of Guidance ...

The outcome of the EIA process is the Environmental Impact Report. Note that within Sohar Free Zone (SFZ) and Sohar Port there are a range of Guidance Notes that need to be followed in ...

Explore advanced solar energy solutions in Oman, from panels to inverters, tailored for industrial efficiency and sustainable growth.

This paper presents a comparative environmental impact assessment considering different power generation strategies in Oman.

For projects having impacts on the offshore marine environment, a No Objection Letter NOL shall be obtained from Environmental Society of Oman, mentioning that the marine management plan ...

The Life-Cycle Assessment (LCA) methodology, and the OpenLCA tool, were employed in carrying out comprehensive analysis, and evaluation of the various environmental aspects in filling ...

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