



هيئة تنظيم الخدمات العامة
Authority for Public Services Regulation

Oman's Efforts & Regulations in the Green Transition



**Vast
Areas**

Water

Wind

The Sun

Distinct Location

Peace & Prosperity

Integrated Infrastructure

Indicators & Strategies for Decarbonizing the Electricity Sector

Renewable Energy Contribution

2030
Target

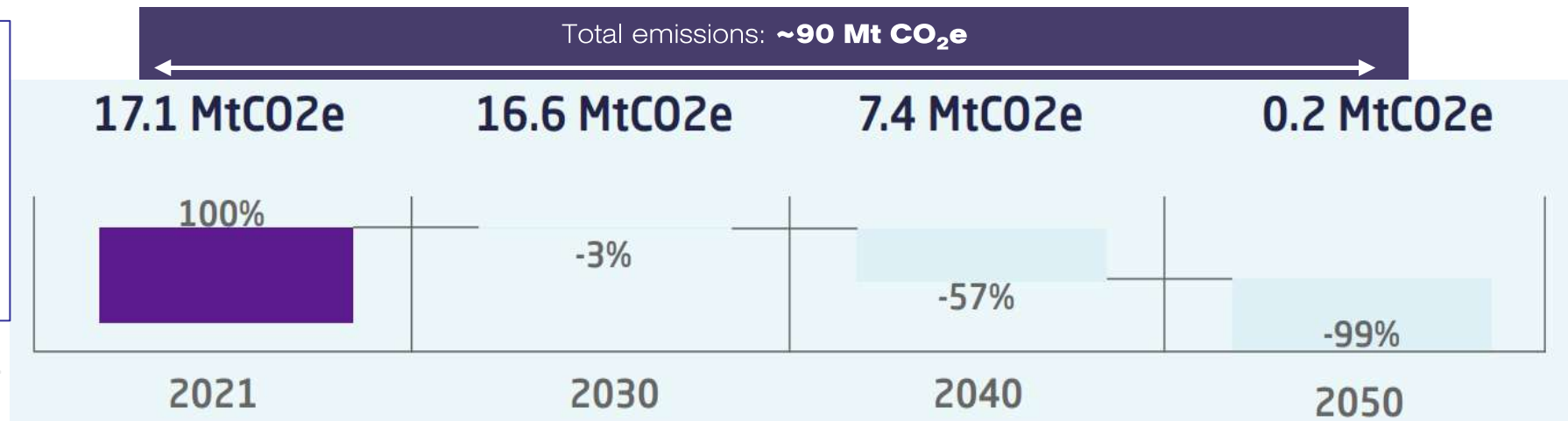
30%

2040
Target

35%-39%

National
Strategy for
an Orderly
Transition to
Net-Zero

Electricity





Oman Electricity Market



NAMA Power & Water
Procurement Company (NPWP)

Nama Generation

Other IPP's

Generation

Oman Electricity Transmission
Company

Transmission

NAMA Electricity Distribution
Company

Distribution

NAMA Electricity Supply Company

Supply

NAMA Dhofar Services Company



Regulations

Solar & EV Chargers

- Small Scale Grid-Connected Solar PV Systems- Technical Guidelines
https://apsr.om/pdfs/SolarPVSystems/Technical_Guidelines.pdf
- Small Scale Grid-Connected Solar PV Systems- Connection Guidelines
https://apsr.om/pdfs/SolarPVSystems/Connection_Guidelines.pdf
- Small Scale Grid-Connected Solar PV Systems- Specific Issue on the Safety of PV Systems
https://apsr.om/pdfs/SolarPVSystems/Specific_issues_on_the_safety_of_PV_systems_v1.1.pdf
- Small Scale Grid-Connected Solar PV Systems- Health and Safety Criteria to be Adopted on Construction Sites
https://apsr.om/pdfs/SolarPVSystems/Additional_H%26S_criteria_on_Construction_sites_v.1.1.pdf
- Charging of Electric Vehicles in Oman-Technical Requirements Guidelines
<https://apsr.om/pdfs/EV/EVChargingTechnicalRequirementsGuidelines-v1.0.pdf>



Existing Renewable Energy Projects

Renewable % out of the total generation (year 2024): ~ 4.3% (without Manah I & Manah II Solar IPPs)



Ibri-II Solar IPP

- COD: Aug/2021
- Capacity: 500 MW



Dhofar Wind Farm

- COD : 2019
- Capacity : 50 MW



Manah I Solar IPP

- COD : Jan/2025
- Capacity : 50 MW



Manah II Solar IPP

- COD: Jan/2025
- Capacity: 500 MW



Existing Renewable Energy Projects

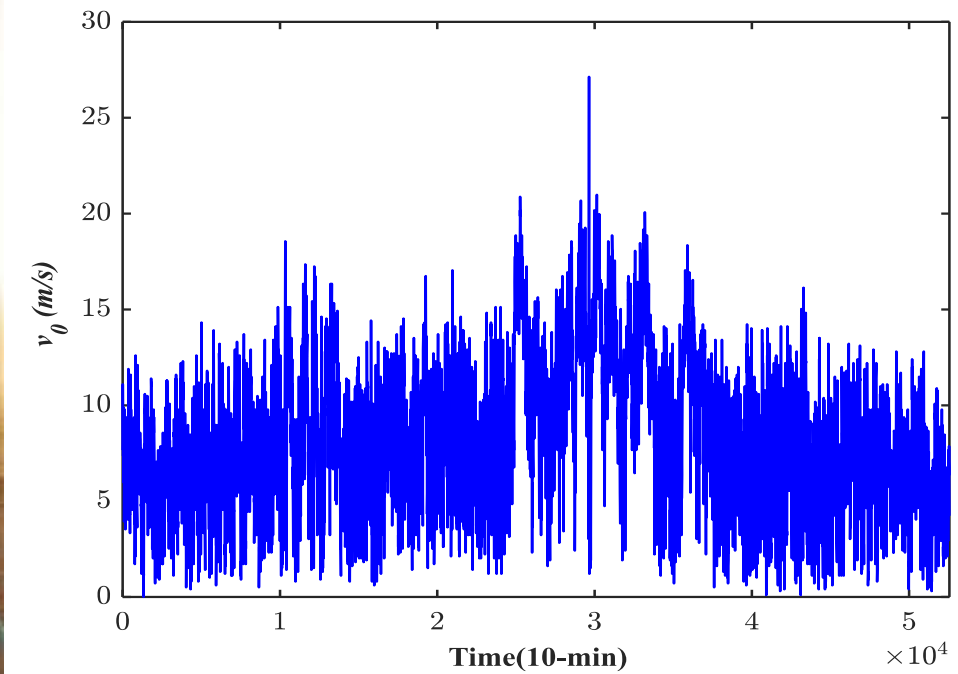
Dhofar Wind Farm

▣ COD: Nov/2019

▣ Capacity: 50 MW



Wind profile in Dhofar Wind Farm site





Renewable Energy Development Plan

Project	Capacity	Exp.COD
Ash' Sharqiyah South Governorate wind farm - JBB	91-105 MW	2027
Duqm Wind IPP	234-270 MW	2027
Dhofar Wind II - Harweel	114-132 MW	2027
Ibri III Solar IPP	500 MW	2027
Al Wasta Governorate Wind IPP (Mahoot I)	342-400 MW	2027
Sadah Wind Farm	81-99 MW	2027
Barka Waste to Energy Project (WTE)	140 MW	2028
Al Kamil Solar IPP	280 MW	2027



I-RECs Market in Oman

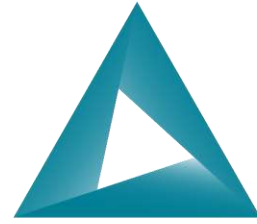
- Nama Power and Water Procurement Company (NPWP) carries out periodic auctions for the sale of I-REC for its various renewable energy projects for interested companies to participate in the auctions.





Useful Links

- https://www.ea.gov.om/media/aaslyc3l/oman-net-zero-report-2022_screen.pdf
- <https://www.apsr.om/reports/2023/APSR-EN-2023.pdf>
- <https://www.omanpwp.om/storage/files/1/6756cd160f1c4.pdf>
- <https://omanpwp.om/PDF/7%20Year%20Statement%20Issue%2017%202023%20-%202029.pdf>



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THANK YOU