

APSE Scotland

Climate Change &
Renewables Network

North Ayrshire Council
Solar Farm Project

27th January 2026

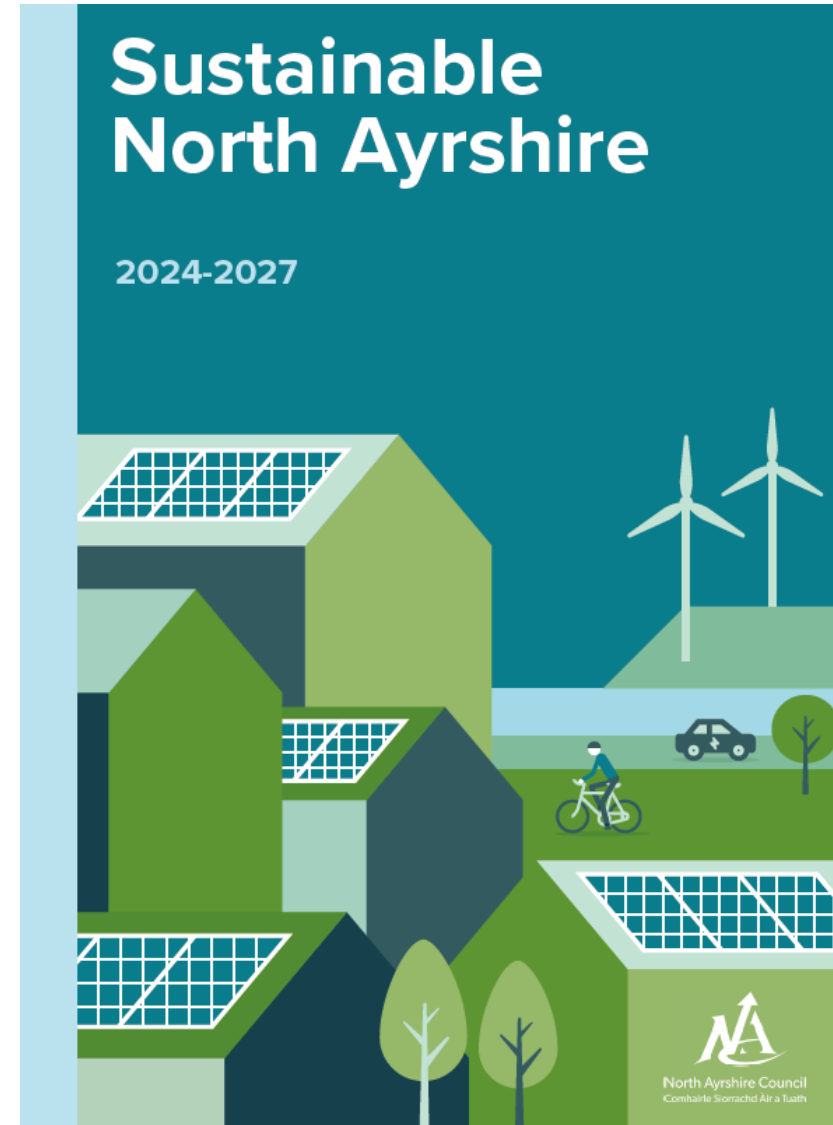


Agenda



- Background
- Developing solar farms
- Monitoring
- Sale of energy
- Considerations from lessons learned
- Renewable Energy Strategy
- Next steps

Action on climate change



2015 Renewable Energy Strategy

North Ayrshire Council

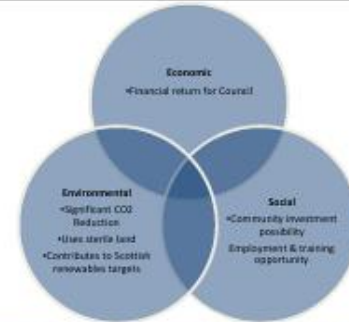
North Ayrshire Council - Renewable Energy Strategy

June 2015

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North Ayrshire Council - Renewable Energy Strategy Options

Meeting Drivers



Project Image



Nethermaims Former Landfill Site Highlighted in Red.

Project Location	Nethermaims Former Landfill Site, North of Irvine between A78, A737, B779 and Ravenspark Golf Course.
Strategic Case & Project Benefits	The project will contribute to the Council's strategy to stimulate renewable energy development across the region, will contribute to the reduction in CO2 emissions

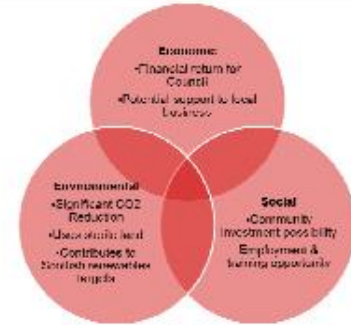
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Full Strategy Report - June 2015 (Final) 227

North Ayrshire Council - Renewable Energy Strategy Options

Meeting Drivers



Project Image



Shewalton Landfill Site Showing Potential Panel locations in red.

Project Location	Shewalton Landfill Site, Area 4/5, Shewalton, South of Irvine
Strategic Case & Project Benefits	The project will contribute to the Council's strategy to stimulate renewable energy development across the region, will contribute to the reduction in CO2 emissions associated with energy consumption in North Ayrshire, and is forecast to achieve a financial return which will improve Council revenues and reduce operating costs. The magnitude of the return is dependent upon the type of power sale contract and the

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Nethermainis



Shewalton



Developing the solar farms

Climate
emergency
declared in
June 2019

High level
business
cases
refreshed

Cabinet
approval
received in
January
2021

Procurement
journey
commenced

Grid
connection
delays

Design,
Build,
Operate &
Maintain
contractor
appointed
March
2023

Ground
breaking
ceremony
February
2024

Launch of
Nethermains
Solar Farm
October
2025

Launch of
Shewalton
Solar
Farm
scheduled
for
February
2026

Shewalton Solar PV Farm



Monitoring



Considerations from lessons learned

Consultancy

- JBA (Planning)
- Harper Macleod (Legal)
- Power Circle (Sale of energy)
- Currie & Brown (NEC4 contract)
- CDM Scotland (H&S)
- Bowland Ecology (ecological)

Land/asset

- Planning permission
- Environmental impact assessment
- Badgers
- Golf course

Finance

- Business Case
- Consultancy
- Contractor
- Grid connection (subject to change)
- O&M

Grid Connection

- Cost
- Timescales
- NESO consideration
- DNO Complexity

Sale of Energy

- Power Purchase Agreement
- Scottish Procurement framework
- Private wire

Nethermaines Solar Farm golf net





Considerations from lessons learned

Consultancy

- JBA (Planning)
- Harper Macleod (Legal)
- Power Circle (Sale of energy)
- Currie & Brown (NEC4 contract)
- CDM Scotland (H&S)
- Bowland Ecology (ecological)

Land/asset

- Former landfill
- Planning permission
- Environmental impact assessment
- Badgers
- Tree planting
- Golf course

Finance

- Business Case
- Consultancy
- Contractor
- Grid connection (subject to change)
- O&M
- Community Benefit

Grid Connection

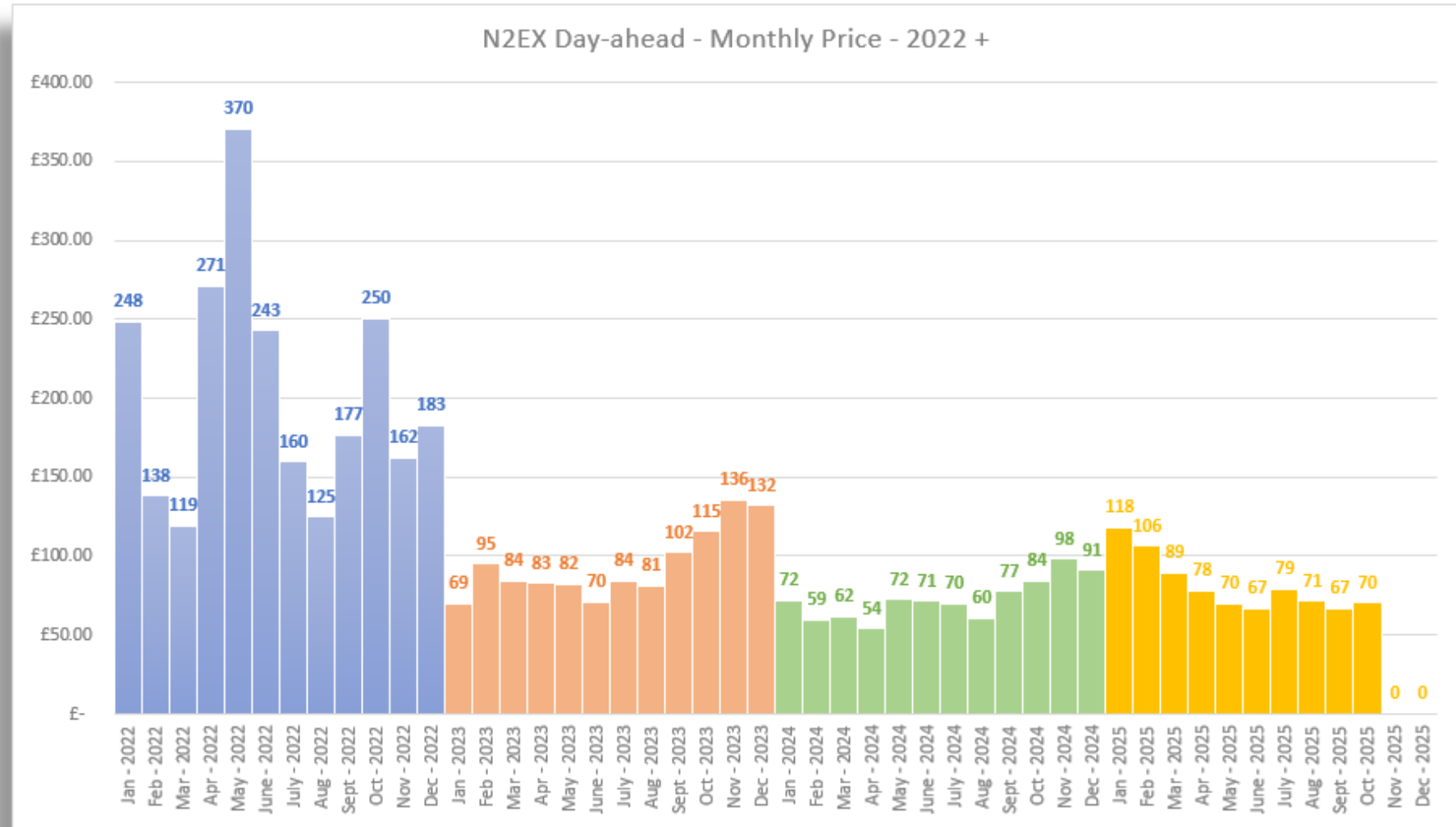
- Cost
- Timescales
- NESO consideration
- DNO Complexity

Sale of Energy

- Power Purchase Agreement
- Scottish Procurement framework
- Private wire

Sale of energy

- National electricity framework
- Power Circle
- Prior Information Notice
- Appoint OVO Energy as PPA partner
- Feasibility study with NHS Ayrshire & Arran



Renewable Energy Strategy

Strategy refresh

Feasibility studies

Community renewable energy projects - toolkit



Next steps

- Energise Shewalton
- Enter O&M phase
- Plant 8,000 trees
- Approval of Renewable Energy Strategy
- Investigate role of battery energy storage systems
- Support community ownership of renewable technology projects.



Thank you



Focus. Passion. Inspiration.



North Ayrshire Council
Comhairle Siorrachd Àir a Tuath