



Shell Scotford

April 2022

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WHO WE ARE

- Petrochemicals Plants, Refinery, Upgraders, Quest Carbon Capture & Storage & solar.
- Leader in low-carbon solutions and energy efficiency.
- 1,300 innovative Shell Canada employees.
- 400 long-term/embedded contractors.
- Thousands of short-duration contractors annually to support operations and maintenance, including Turnarounds.
(UPGN TA March-May)



SHELL ENERGY AND CHEMICALS PARK SCOTFORD

CANADA'S MOST ENERGY EFFICIENT REFINERY

LOW-CARBON PRODUCTS & PERFORMANCE CHEMICALS



LOW-CARBON
FUELS



BIO-FUELS
AND
HYDROGEN



LOW-CARBON
CHEMICALS

CARBON CAPTURE AND STORAGE

300M TONNES OF CO₂ STORAGE
CO₂ STORAGE HUB OPERATOR

2000m

CUSTOMER FOCUS

Delivering customer centric products from current and new value streams.
Bringing customers and assets together.

RENEWABLE FEEDSTOCKS



BIOMASS



WASTE
OILS/FATS

RENEWABLE POWER



CCS AND PROPOSED CO₂ STORAGE HUB

QUEST CCS

Quest CCS captures and stores 1 million tonnes/yr CO₂ storage for the AOSP upgrader. Quest has captured more CO₂ than planned for less cost than anticipated.

ATLAS CARBON STORAGE HUB

Shell is proposing Atlas Carbon Storage Hub to capture about 750,000 to 850,000 tonnes/yr from Scotford refinery and chemicals.

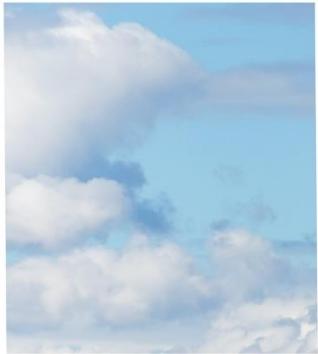
FUTURE PHASES

Will see the creation of a CO₂ storage hub for >10 million tonnes/yr storage. If built, it would provide CO₂ transport and storage on behalf of existing and new third-party emitters.



MOVING TO RENEWABLE ENERGY SOURCES

Leveraging Alberta's other natural resources – long, sunny summer days and the strong breezes in southern Alberta



PURCHASE AGREEMENTS FOR
WIND POWER GENERATION



PROGRESSING SOLAR PROJECTS
TO REDUCE OUR CARBON
FOOTPRINT FROM GRID
ELECTRICITY



