



SASKPOWER CCS

THE BOUNDARY DAM CCS PROJECT



SaskPower
Powering the future[®]

@SaskPowerCCS



A photograph of two utility workers in orange safety gear and hard hats working on a power line. They are positioned in a white bucket, reaching up to adjust a large insulator on a high-voltage line. The background is a clear, bright blue sky. The text 'SASKATCHEWAN'S PRINCIPLE POWER PROVIDER' is overlaid in white, bold, sans-serif font at the bottom of the image.

SASKATCHEWAN'S PRINCIPLE
POWER PROVIDER

REGULATIONS





BOUNDARY DAM
CCS PROJECT

A photograph of a worker in a control room. The worker is wearing a green baseball cap, a brown long-sleeved shirt, and a high-visibility orange safety vest with reflective yellow-green stripes. He is sitting in a black leather office chair, looking towards a wall of multiple computer monitors. The monitors display various data visualizations, including line graphs and charts. On the wall behind the worker, the SaskPower logo and the text "SaskPower BOUNDARY DAM CCS FACILITY" are visible. The room is dimly lit, with the primary light source being the monitors. In the foreground, there is a desk with a keyboard, a mouse, a telephone, and some papers. The overall scene depicts a professional industrial control environment.

SaskPower
BOUNDARY DAM CCS FACILITY

OPERATING EXPERIENCE

OPERATIONAL EXPERIENCE SUMMARY

Power plant

- Full capacity capture plant does not impact power plant reliability
- Power plant reliability equivalent to other units in fleet

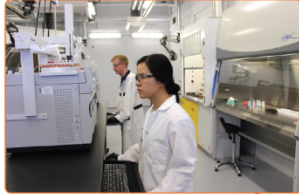
Capture plant

- Technology works - Amine chemistry lab key in keeping process in check
- Experienced a number of typical mechanical issues – largely resolved
- Full load nameplate capacity testing completed Nov 2015
- Targeting 800,000 tonnes of CO₂ in 2016

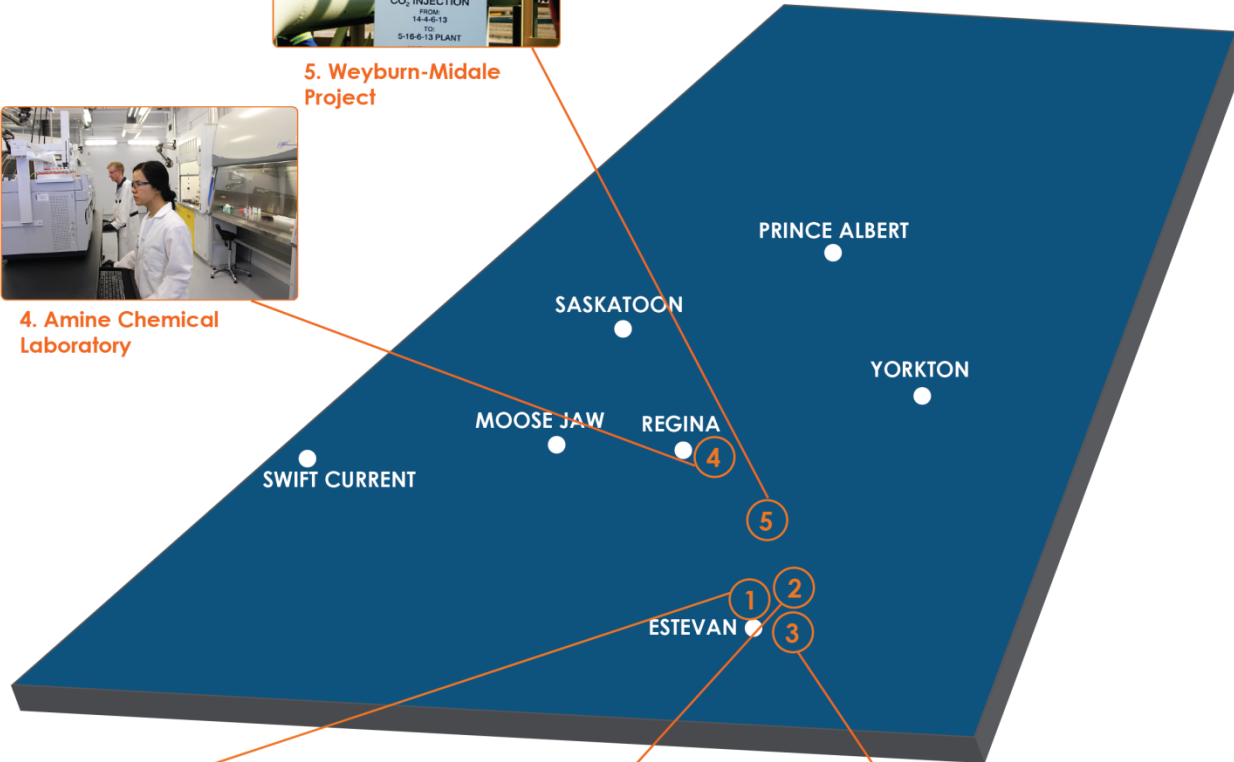
SASKATCHEWAN, CANADA EPICENTRE OF CCS EXPERTISE



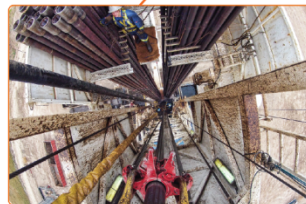
5. Weyburn-Midale Project



4. Amine Chemical Laboratory



1. The Boundary Dam CCS Project



2. Carbon Storage and Research Centre (Aquistore)



3. Carbon Capture Test Facility (CCTF)

TOUR IN-PERSON OR ONLINE

www.SaskPowerCCS.com/Tour



SASKPOWER CCS

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