

Acceleware



Revolutionizing Heavy Oil / Bitumen Production

Propel 2017

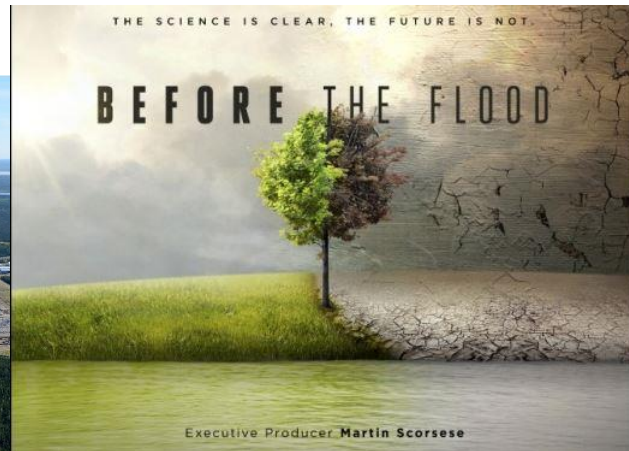
Acceleware Ltd.
AXE:TSXV

High-Cost and High-Carbon



Low-Cost and Low-Carbon

43% lower OPEX. 76% lower CAPEX.



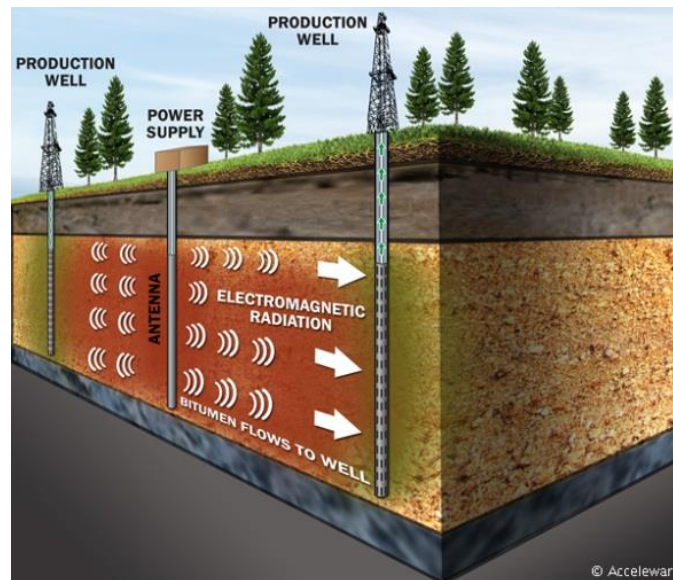
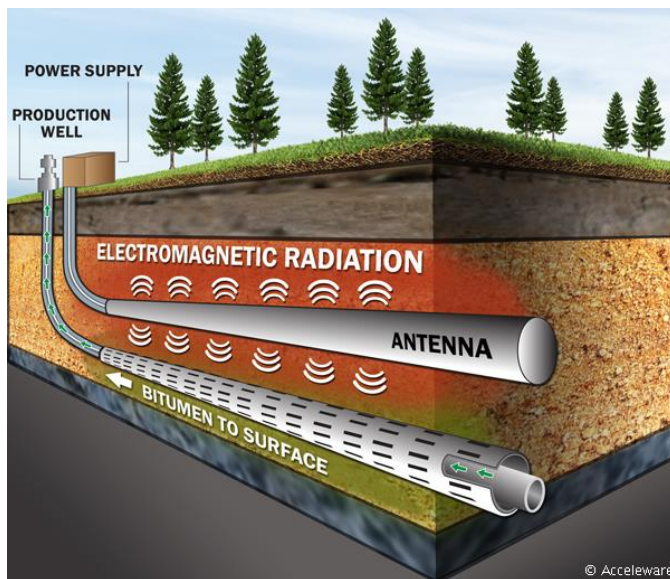
Lower GHGs

No External Water

No Solvents

Radio Frequency (RF) Heating

- Can be deployed horizontally or vertically.
- Similar production to SAGD, using 50% of the energy.



Addressable Market – USD by 2020

\$283 Billion

Enhanced Oil Recovery Market

\$140 Billion

Thermal Enhanced Oil Recovery Market

29.9% CAGR

Thermal Enhanced Oil Recovery Market

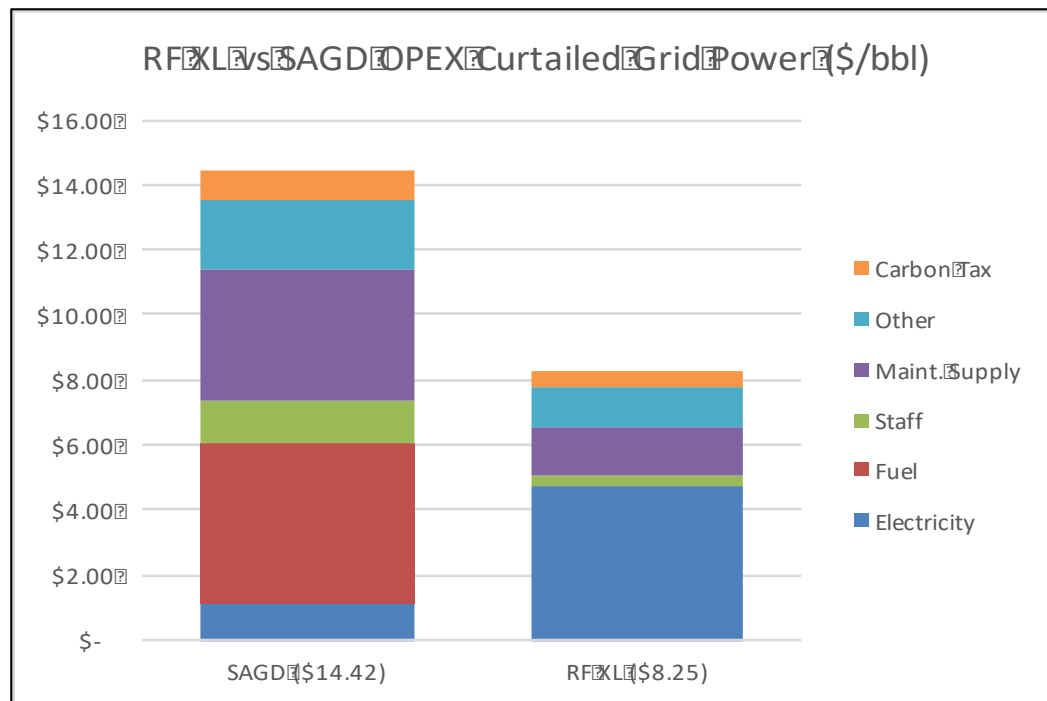
The background of the slide is a complex, abstract composition. The top half features a dark, textured surface with a grid of glowing green and yellow binary digits (0s and 1s). A bright, white, curved light streak sweeps across the middle of the image, creating a sense of motion and energy. The bottom half of the image is dominated by a large, glowing orange and yellow light streak that curves from the left towards the right, suggesting a path or a flow of data. The overall color palette is warm, with shades of orange, yellow, and red, giving it a high-tech, futuristic feel.

Economics

RF XL Operating Cost Advantage

Operators using **curtailed** grid power

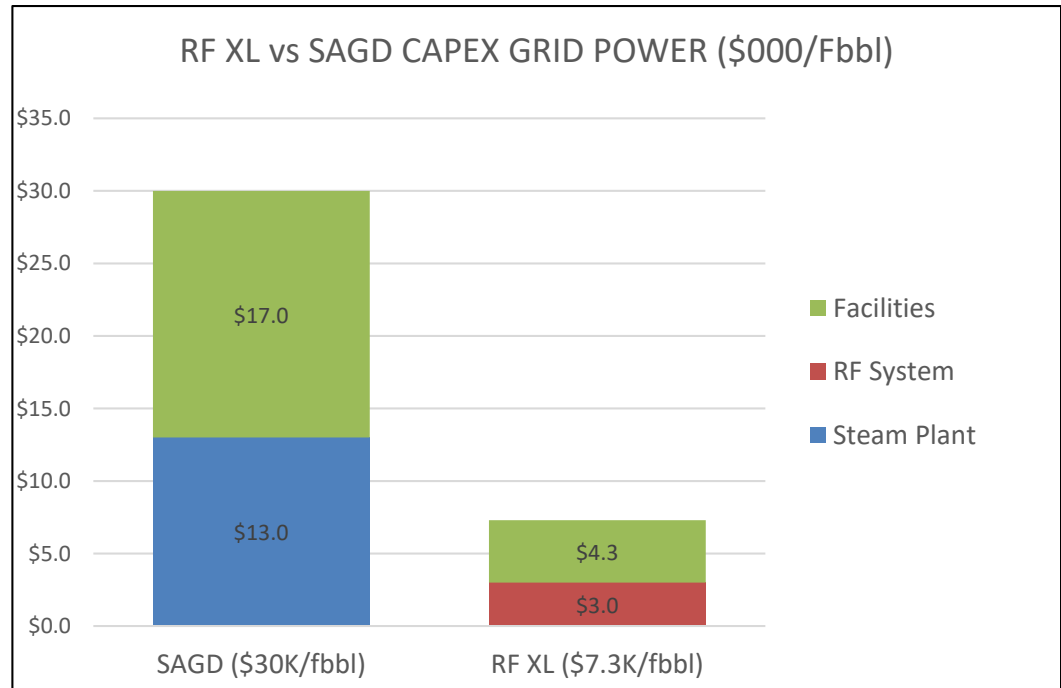
43%
Lower Opex



RF XL Capital Cost Advantage

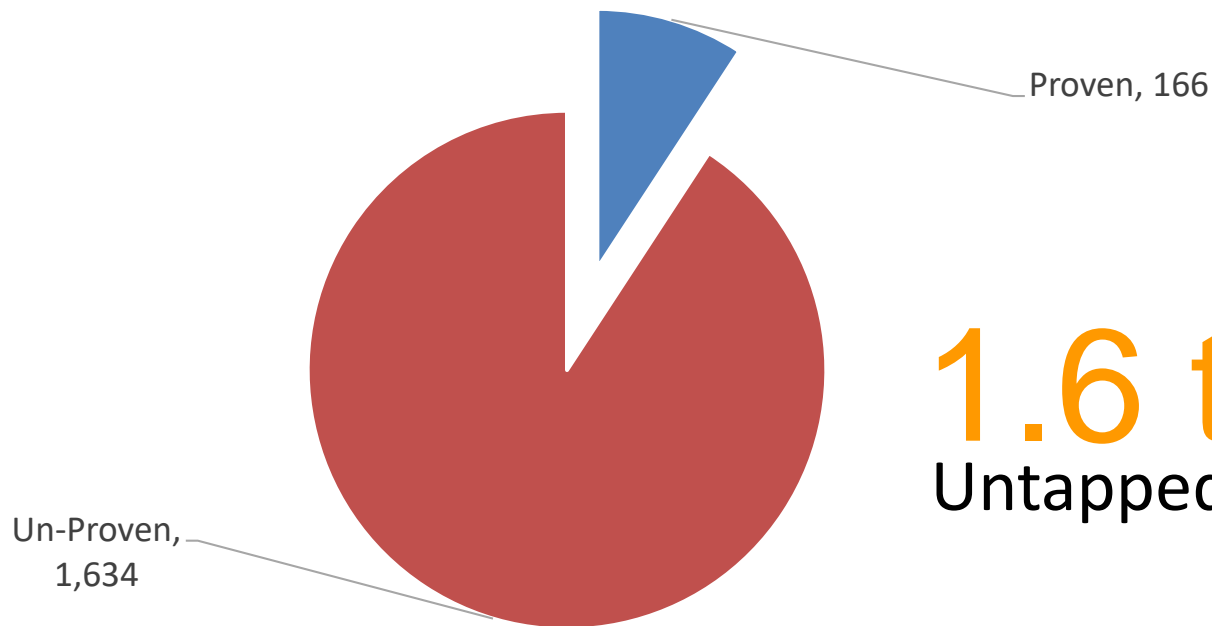
CAPEX reduction of 76% for grid power

76%
Lower Capex



RF XL Creates New Growth

Alberta Oil Sands Total Oil in Place
(Billions of barrels)



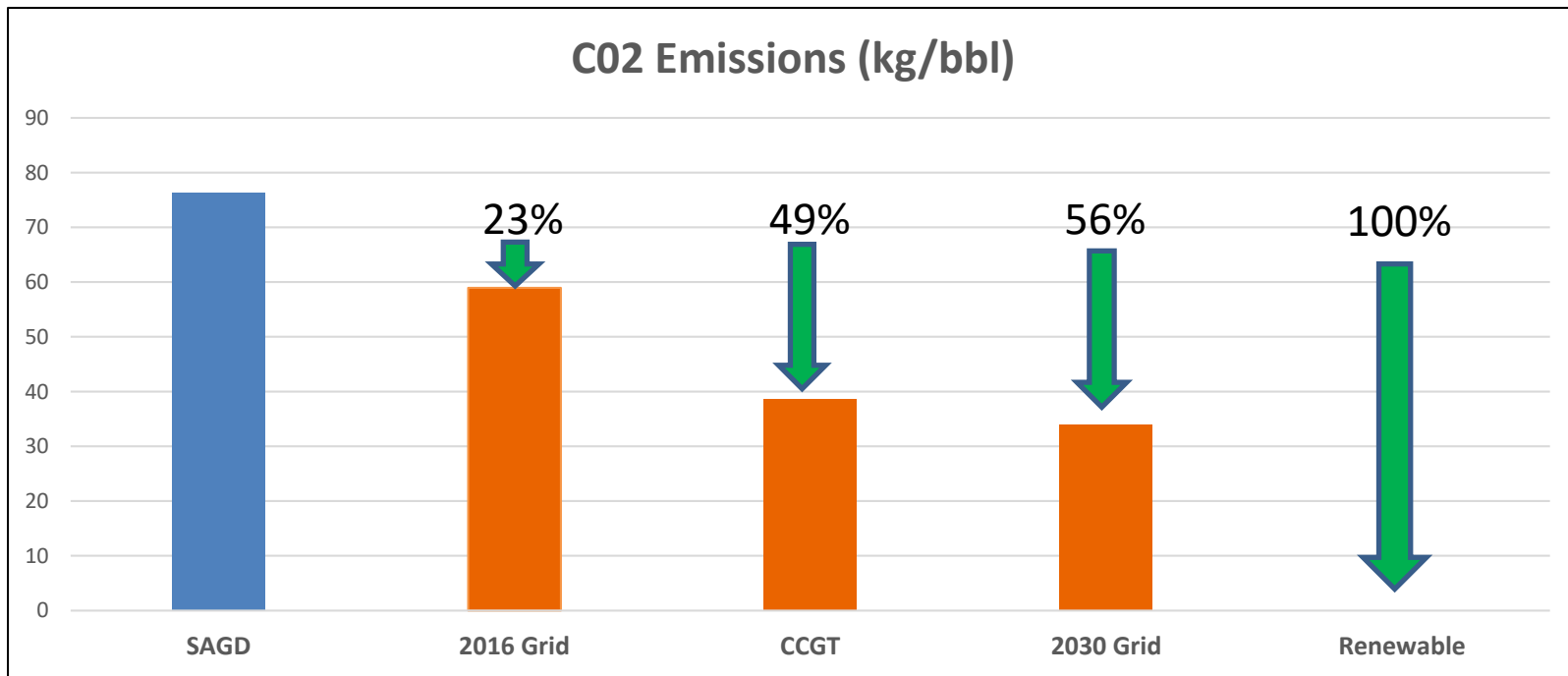
1.6 trillion
Untapped barrels in AB

The background of the slide is a complex, abstract composition. The top section features a dark, textured surface with a grid of small, glowing green and yellow squares, resembling a microscopic view of a material or a digital grid. Below this, a bright, glowing orange and yellow light streak curves across the frame, creating a sense of motion and energy. The bottom section shows a dark, curved surface with a grid of small, glowing green and yellow squares, similar to the top section, but with a more pronounced sense of depth and perspective.

Environmental Benefits

Meaningful GHG Reductions Now

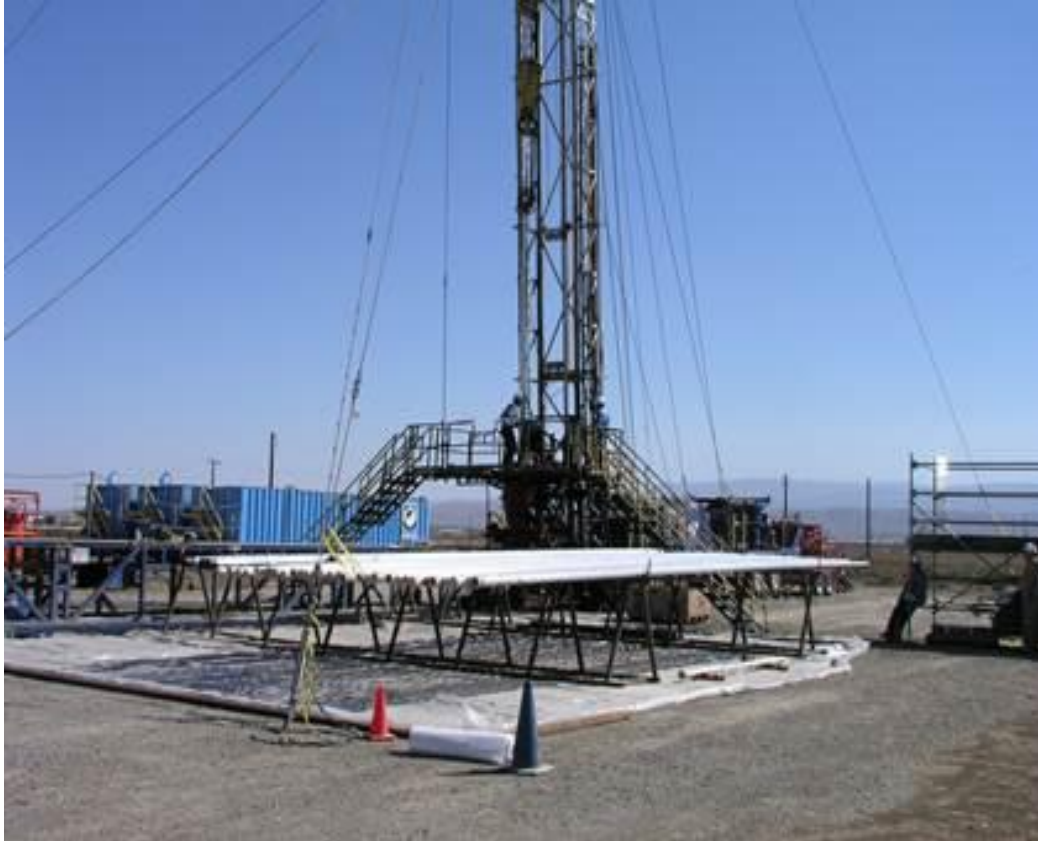
With a path to zero production emissions



The background of the slide is a complex, abstract composition. The top section features a dark, textured surface with a grid of small, glowing green and yellow squares, resembling a circuit board or a digital landscape. Below this, a bright, glowing orange and yellow path curves through the center, creating a sense of motion and direction. The bottom section shows a similar grid of glowing squares, but with a more pronounced sense of depth and perspective, as if the viewer is looking down a long, curved corridor. The overall color palette is dominated by warm, fiery tones of orange, red, and yellow, with cooler green and blue accents in the glowing elements.

Commercialization Path & Development History

Development Path



- 10 years EM modeling;
- Over 5 years on RF;
- Super-majors, IOC's, and Nationals;
- Lab and near-surface tests;
- In-ground tests; and
- Validation of our simulations

Commercialization Timeline

- Near-surface test Q4 2016 - Q1 2017
- Commercial scale RF XL test 2017-2018
- Multi-well test(s) targeted for 2019/2020
- Commercial RF XL systems available 2020

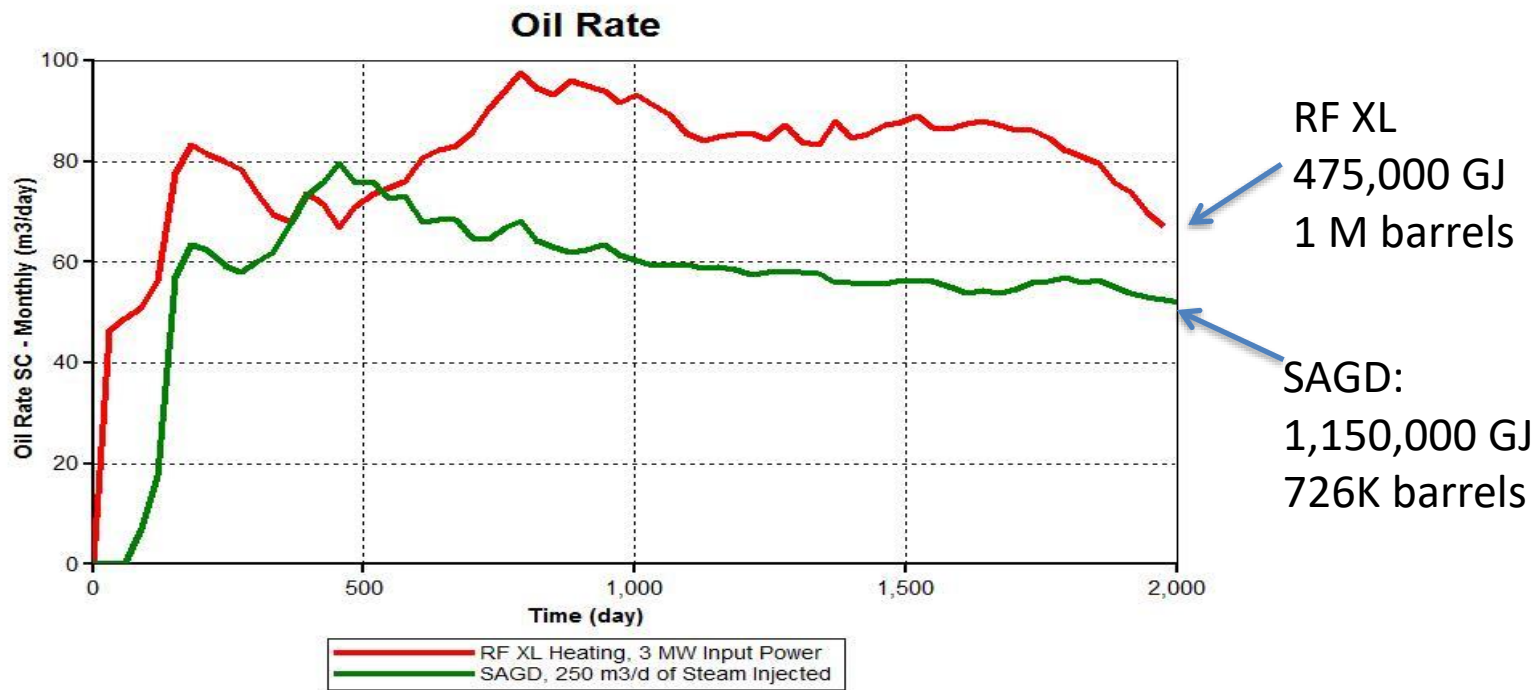
RF XL Near Surface (“Ditch”) Test



The background of the slide is a complex, abstract composition. The top portion features a dark, textured surface with a grid of small, raised, circular elements, possibly representing a microchip or a sensor array. Below this, a bright, glowing light streak curves across the frame, creating a sense of motion and energy. The overall color palette is dominated by warm, golden-yellow and orange tones, with a dark, almost black, background at the top and bottom. The text "RF XL Performance vs. SAGD" is centered in the middle of the slide, rendered in a clean, white, sans-serif font.

RF XL Performance vs. SAGD

RF XL vs. SAGD Simulation



RF XL produces more barrels than SAGD with less than half of the energy

The background of the slide is a complex, abstract composition. The top section features a dark, textured surface with a grid of glowing green and yellow binary digits (0s and 1s). Below this is a solid orange band containing the title. The bottom section shows a similar grid of binary digits, but with a bright, glowing white and yellow light streak that curves across the frame, suggesting motion or data flow.

Financing Activity

Recent Financing Activity

- 2016 - Raised \$3 million
 - October 2016 – closed \$2 million in a fully subscribed private placement.
 - December 2016 – closed \$925K in convertible debentures.
 - Use of proceeds has been to support short-term development work and the near-surface test for RF XL

RF XL is a game changer

- Less than half the CAPEX & half the OPEX vs SAGD;
- Material GHG reductions now, and a path to zero emissions;
- No solvent or external water required;
- Rapid commercialization and easy adoption due to the use of standard industry materials and components;
- \$283 billion USD EOR market will keep growing; and
- RF XL opens up access to trillions of barrels of oil.

Thank You

