Shell Scotford

Life In The Heartland
Information Evening

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Shell Scotford Overview

- ■ Refinery
  - ■ Diesel, Gasoline, Jet Fuel
- ■ Chemicals plants
  - ■ Building blocks for water bottles, foam food trays, truck bed liners, diapers, etc.
- ■ Upgrader
  - ■ Converts bitumen into crude oils
- ■ Quest Carbon Capture and Storage
  - ■ 1 million tonnes CO2 capture/yr

Tax & Economic Impact

- Approx. 1,300 employees, 500 long-term contractors and thousands of short-term contractors

- Approx. $150 million annually in contracts in the region

- Approx. $50 million in municipal taxes paid to Strathcona County in 2017 (excludes taxes collected for other levies, education)
    - 24% of consolidated county budget
    - $500/resident or $1,400/residence

Energy Efficiency

- Scotford uses ~65% of the energy of a standard comparable refinery
- It is the most energy efficient facility of its type in the world

- And we're looking at ways to improve upon our current leadership position

Quest Carbon Capture & Storage

- One million tonnes CO_2 per year capacity
  - Equiv to emissions from ~250,000 cars
- Permanent storage 2 km underground
- Quest has captured, transported, and safely stored over 2 million tonnes of CO_2
- Quest has the global CCS record for capture in a one-year period (1.2 Mt)
- Quest is seen as the project to learn from by the global community
  - Delegations from around the world come to see, learn from Quest
  - Shell at COP 23 and at the Globe forum to profile Quest

Unlocking Technology

- Drone program
  - Safety focus
  - Innovation
  - Cost reduction

Fuelling Kindness

- Positive messages left at 22 elementary schools on first day back (Aug. 30, 2017)
- Delivered 314 pies on Pi Day to over 5 dozen organizations (Mar. 14, 2018)
- Acts of kindness completed in Sherwood Park, Fort Sask, Bruderheim
- $115,000 donated via Community Service Fund in 2017
- 30+ Days of Caring completed to date in 2017
- 30+ organizations received silent/live auction donations
- 2017 Christmas video had ~ 2 million views

Community Investment

Highlights from our 2017 program:

- $485,000 – United Way
- $35,500 – Tree Planting – Broadmoor Lake Park
- $30,000 – Scotford Community Grants
  - Riverside Building Association – New water fountain
  - Fort Sask Furniture Bank – Storage and steam cleaner
  - Jo'burg Ag Society – Chairs for community hall
  - Fort Sask Food Bank – Donation boxes
- Plus, financial support for:
  - STEM Scholarships for high school students
  - Halloween Positive Ticketing (road safety)
  - Strathcona County Play Days
  - Be Seen Campaign (rural students road safety)
  - Josephburg Ag Society Farm Smarts Safety Camp
  - Christmas in the Heartland

Scotford Community Grants

Deadline to apply is May 12.

Turnaround Activity

- What is a maintenance turnaround?

- Turnaround activity becomes business-as-usual moving forward:
    - 2 turnarounds in 2018
    - 2 turnarounds in 2019
    - More to follow

Questions?

Q&A