

Chevron Canada Burnaby Refinery - an overview



Neighbourhood
CAP Meeting

November 24, 2011



Introduction



The Burnaby Refinery site...



The early days....



- Established in 1935 by Standard Oil of California
- One of few heavy industries in the area at that time - 2000 bbls/day
- Major expansion in mid 50's
- Part of post war BC building boom
 - Increase to 11,000 bbls/day initially
- Further capacity increases in mid 70's to 35,000 bbls/day
- Steady advancement in technology over the years
- Other lower mainland refineries converted to terminals in early 1990's with production transferred to Alberta

Chevron Corporation - A Global Energy Company



- Operations in over 90 countries around the world
- Approximately 58,000 employees worldwide
- Global refining capacity of 2M bbls per day
- Largest refiner on North American West Coast – 550,000 bbls / day



Chevron Canada Limited - A Leading Refining & Marketing Company and an important part of the BC economy



Burnaby Refinery

55,000 barrels / day production capacity

250 employees

100-200 specialized contractors



Over 3000 British Columbians are directly employed by the company or as Chevron retailers/wholesalers and specialized service contractors

- 3 billion litres of finished products annually
- 160 retailers, major commercial and industrial customers
- Retail market leader in B.C.
- 25% of B.C.'s commercial fuel supply
- 40% of YVR's jet fuel needs



A major contributor to the BC economy...

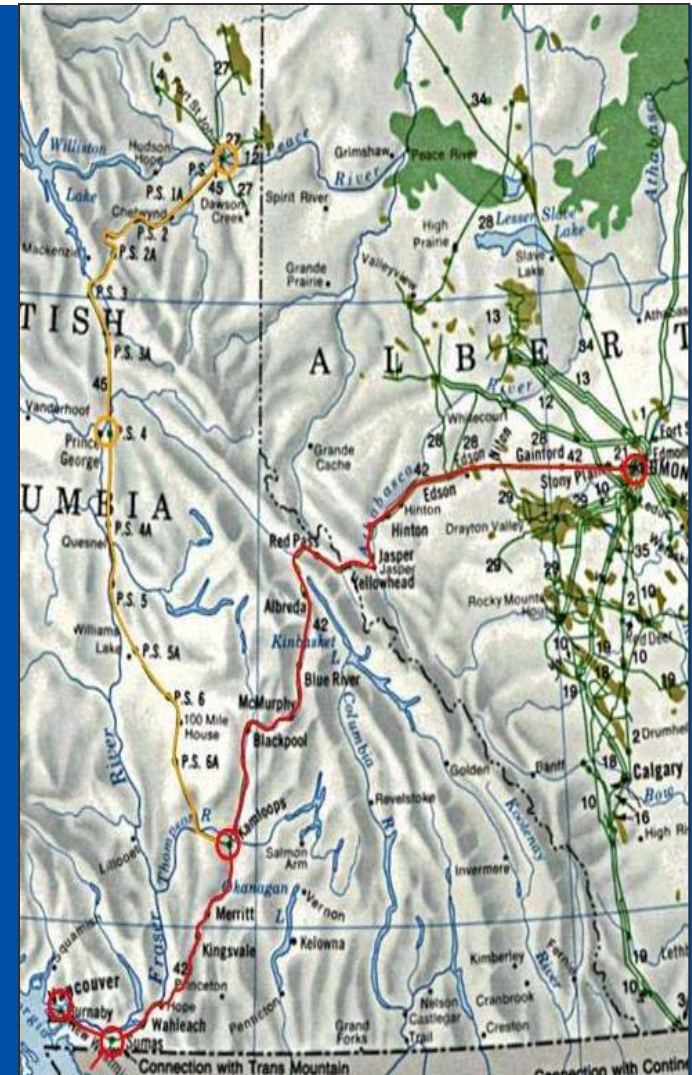


- Have been an established part of the Provincial economy for almost 80 years.
- The only major oil company with an operating refinery in B.C.
- Over \$50 million in locally sourced goods, supplies and services
- \$60M million in direct employment
- One of Burnaby's largest taxpayers (\$4M in '09)
- Since 2007 have invested \$198 million on energy efficiency, environmental upgrades and other capital improvements

Burnaby Refinery Crude Supply Pipeline



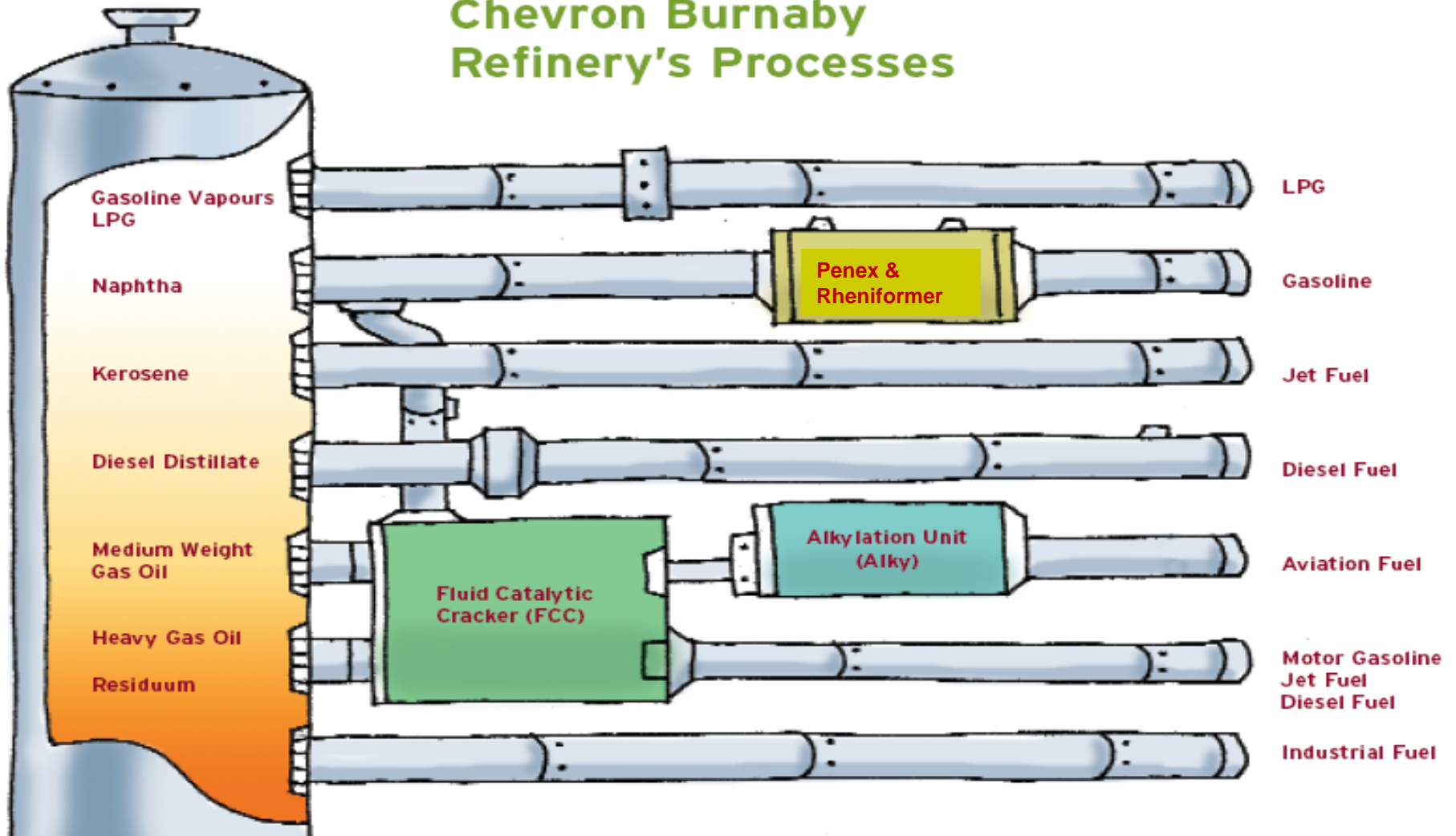
- Process light, sweet and synthetic crudes
- Crude oil from Alberta and Northeastern B.C. arrives via Kinder Morgan's Trans Mountain pipeline
 - Pipeline also conveys finished light product and iso-octane
- 9-15 transit days from Alberta to Kinder Morgan terminal on Burnaby Mountain
- Is then delivered to the Refinery via Chevron owned and operated pipeline through North Burnaby



What's in a barrel of oil...



Chevron Burnaby Refinery's Processes



Transportation & logistics



Products shipped from the refinery move via:

- Marine barges
- Tanker ships
- Kinder Morgan's jet fuel pipeline to YVR
- Rail cars
- Proprietary and contract tank-truck fleet



Protecting people and the environment...



- Systematic approach to process safety, personal safety and health, environmental, reliability and efficiency
- Operate under permits and regulations from a variety of agencies
 - MOE, MV, EC, Port Authority, Work Safe BC
- Rigorous equipment and process design standards
- Skilled operations and engineering personnel
- Ongoing preventative maintenance programs
- Highly trained emergency & incident response teams, including on site fire fighting, hazardous materials and high angle rescue resources
- Cooperative emergency drills using Unified Incident Command - with Burnaby Fire Dept., RCMP, City of Bby, West Coast Marine Response, Canadian Coast Guard, Port Metro Vancouver, Tsleil-Waututh

Working to be a good neighbour...



■ Responsive to community concerns and questions...

- Community Advisory Panel
- CAP website: www.chevroncap.com
- Annual Neighbourhood CAP meeting
- Refinery email inquiries: cclrefineryinfo@chevron.com
- Refinery Community Contact telephone line 604-257-4040
- Quarterly Neighbourhood Newsletter
- On-site Community Relations staff



■ Actively engaged with our community ...

- Heights Merchants Association
- Local elementary and high schools
- Burnaby Community Policing
- Burnaby Board of Trade
- Employee volunteerism



A proud partner in our local community...



A proud, longtime supporter of a wide range of local, community based organizations, events and programs including...

- Burnaby Community Connections
- Volunteer Burnaby
- The Chevron Tooth Trolley
- Wildlife Rescue & Rehabilitation
- Outings for the Elderly
- Seniors Active in Living
- Burnaby Hospital Foundation
- Burnaby Blues & Roots Festival
- Hats Off Day
- Giro Di Burnaby
- Movie in the Park



Thank you!

