

/ Navigating New Frontiers in Energy /

ferus
Natural Gas Fuels



Key Factors of the Energy Economy



The Energy Challenge

Growing population

According to United Nations estimates, the current world population of 7.6 billion is expected to reach 8.6 billion in 2030, 9.7 billion in 2050 and 11.2 billion in 2100. Nearly a billion people still live without electricity while another billion struggle with unreliable supplies of electricity.

Rising demand

By 2070 the world is likely to be using at least 50% more energy than it does today as population grows and people seek to improve their quality of life.

Need for energy solutions

According to the International Energy Agency (IEA), renewable generation is expected to underpin the growth of electricity from 18% to 50% of energy supply by 2050. The remaining energy demand that is difficult to electrify will still require cleaner solutions.

Mitigating climate change

The world currently emits 33 billion tonnes of energy-related CO₂ each year. To limit the rise in global temperature to 2°C, the IEA has calculated that energy related CO₂ emissions need to fall to around 18 billion tonnes a year by 2040. The challenge is not just to reduce emissions, but to do this while providing more reliable energy supplies.

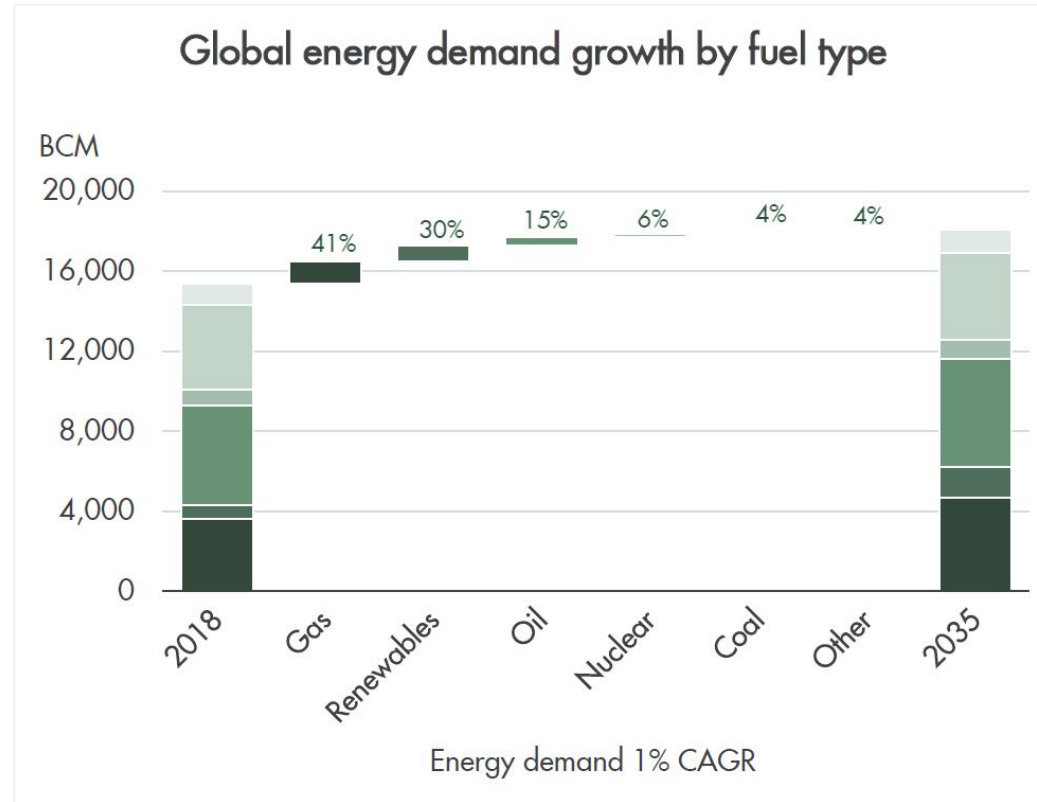
Improving air quality

Updated World Health Organization (WHO) estimates reveal an alarming death toll of 7 million people every year caused by outdoor and household air pollution. According to WHO, global air pollution is linked to inefficient energy use in every sector of human activity including coal-fired power plants, industry, agriculture and transport.

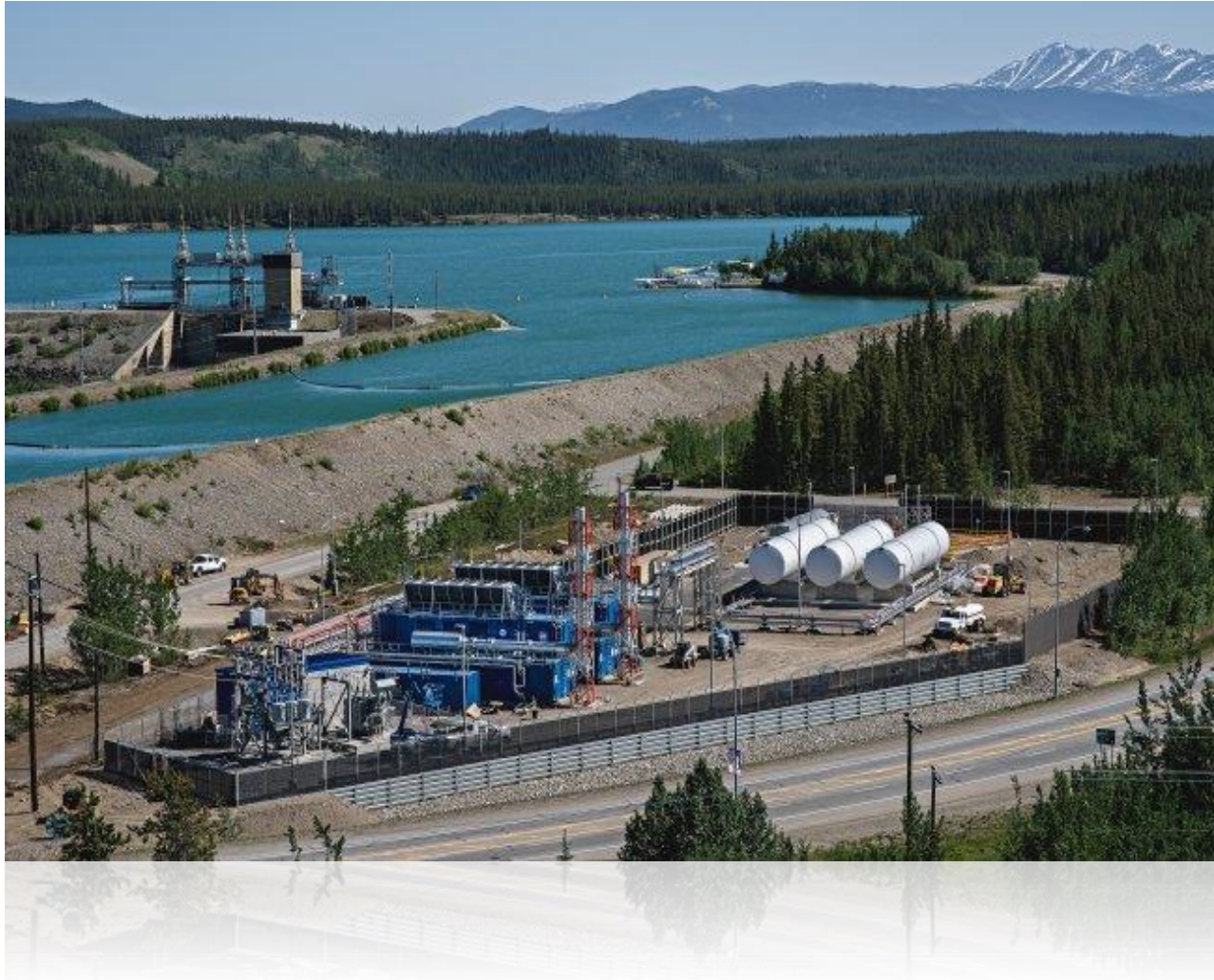
Source: Shell LNG Outlook 2019

Natural gas and renewables will play a critical role in meeting growing global energy demands.

Source: Shell interpretation of Wood Mackenzie Q4 2018 data
CAGR – Compound annual growth rate



Fueling the North



YUKON ENERGY

Ferus NGF's LNG is currently fueling Yukon Energy's natural gas power plant in Whitehorse.

Fueling the North



INUVIK

Ferus NGF's LNG is also being delivered to Inuvik for use in a natural gas power plant.

Fueling the North





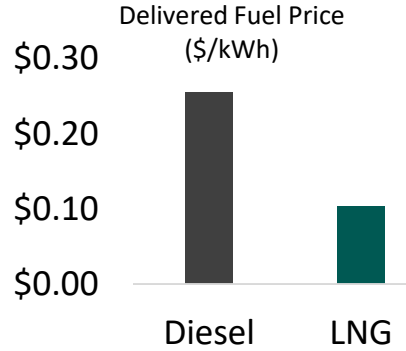
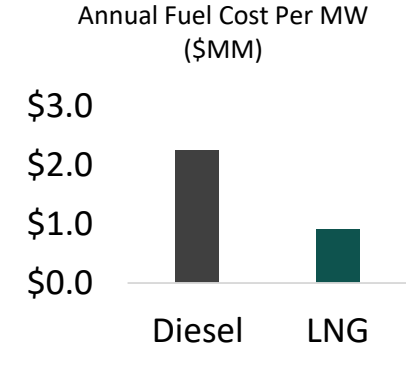
Coeur Silvertip Mine



Fueling the North



WESTERN COPPER & GOLD CASINO PROJECT



LNG Supply Chain



Elmworth LNG Plant



Truck Loading at Elmworth LNG Plant



Example Supply Chain





ferius

L12003

MHRT 1097 HRS @ 5-70 PSI
OWTT 1049 HRS @ 5-70 PSI

CH ENERGY

CHRISTOPHER
LOGISTICS LTD
1000 ALABAMA AVE
U.S. DIST. DISTRICT





Local Gas Development



VISIT US ONLINE TO LEARN MORE



THANK YOU FOR YOUR ATTENTION