

Saskatchewan's Power Future

Looking to 2035 and Beyond

 **SaskPower**

Saskatchewan 

Affordable and Reliable Power

The Goal:

Saskatchewan needs to ensure an affordable, reliable power supply while continuing to reduce GHG emissions within realistic timelines.

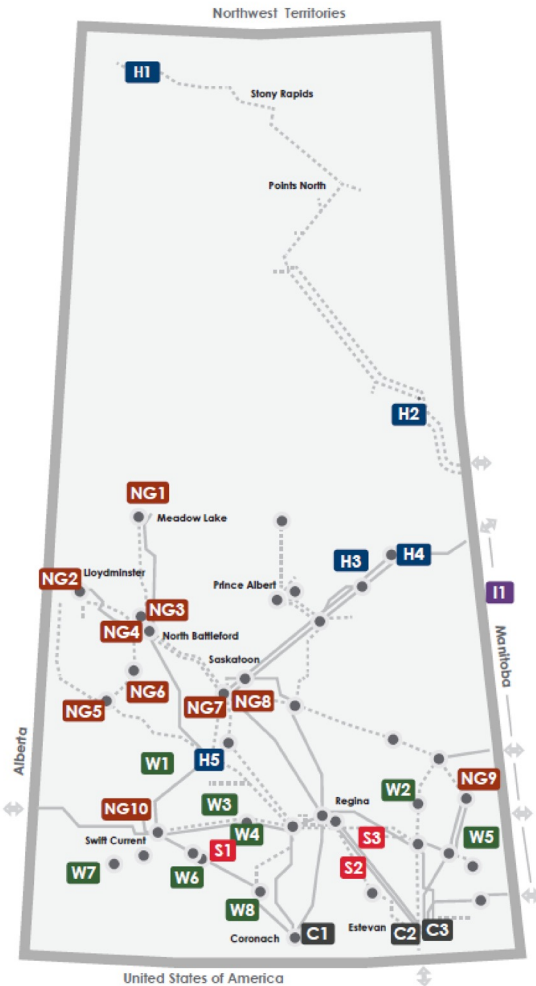
The Challenge:

Saskatchewan has low customer density and significant reliance on fossil fuel generating sources, making our challenge more significant than many other jurisdictions.

Total Available Generating Capacity

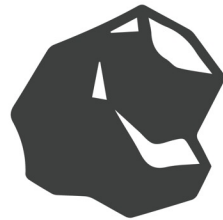
as at March 31, 2023

Capacity Available: 5,437 MW



40% Natural Gas

2,160 MW through 10 facilities



25% Coal

1,389 MW through 3 facilities



16% Hydro

864 MW through 5 facilities



11% Wind

617 MW through 8 facilities



5% Power Agreements

290 MW generated



3% Solar + Other

117 MW through 3 facilities + net metering

Where We Are Today

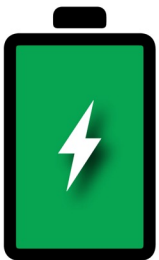
2023



1.22 Million People



\$81.8B Economy (GDP)



5,437 MW
Available Generating Capacity

Where We Need To Go

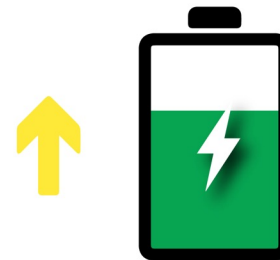
2035



1.5 Million People



\$108B Economy (GDP)



7,000+ MW
Available Generating Capacity

The Federal Plan

**NET ZERO
BY 2035**

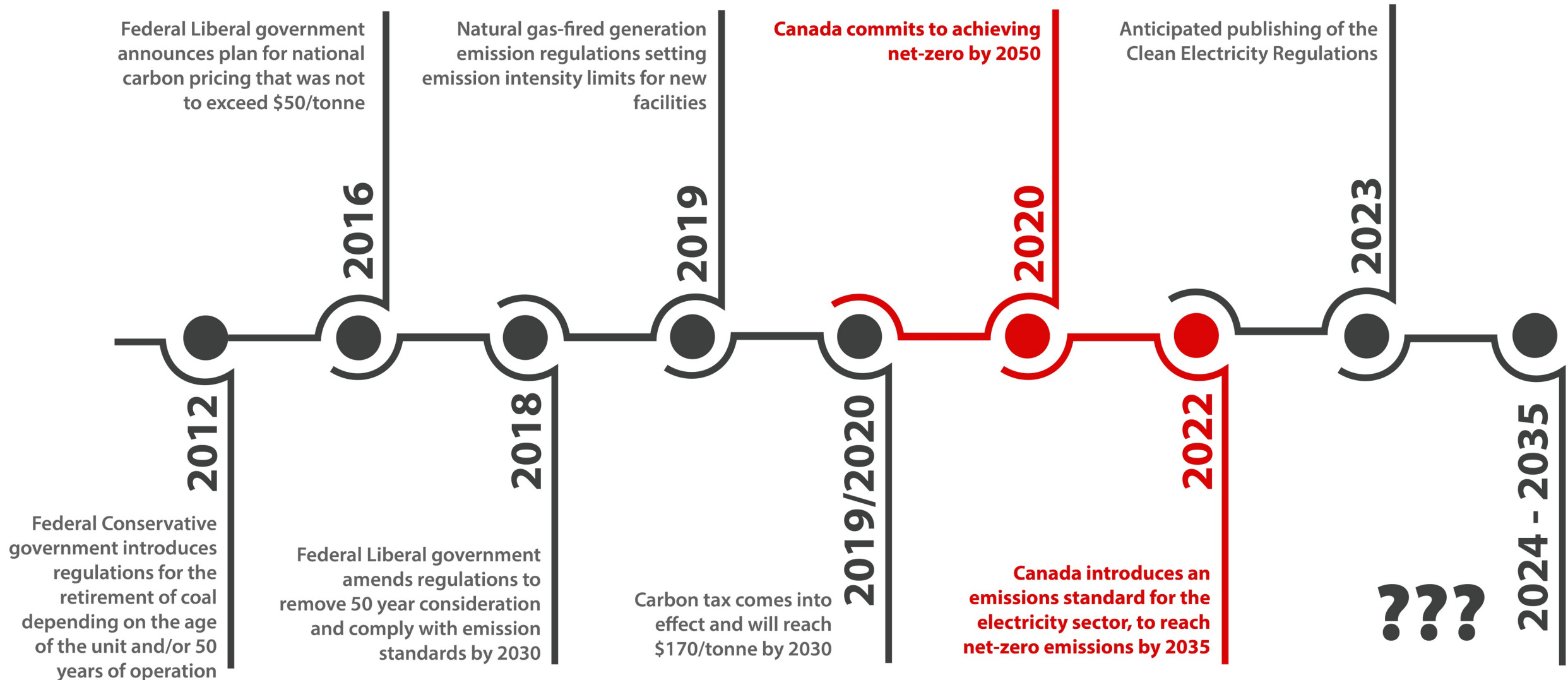
65% of Saskatchewan's current electricity production would need to be shut down

\$46 billion in capital cost between 2023-2035

107% increase to utility bills

Saskatchewan would be unable to generate required power supply to meet demand

How We Got Here: Moving Goalposts



Saskatchewan's Plan: Affordable and Realistic

**NET ZERO
BY 2050**

Continued Emissions Reduction

Incorporate nuclear power as part of energy mix

Continue to incorporate wind and solar at an ambitious pace

Leverage natural gas generation to ensure reliability

Saskatchewan's Plan: Affordable and Realistic

\$28 B

Total cost between 2023-2035 with \$22 billion from Saskatchewan and \$6 billion from federal government

75%

In provided grant funding from the federal government for the first SMR in Saskatchewan

50%

In funding from the federal government for renewable technologies or low emitting power

In addition:

Stop any further increases to the carbon tax

Better align regulatory flexibility expected within new U.S. policy direction

Recognize Saskatchewan's plan to reach net-zero by 2050

Continue to use fossil fuel assets until end of life

**Affordable
and Realistic**

**NET ZERO
BY 2050**

Saskatchewan's Plan

Affordable power rates

Reliable power supply

Building Saskatchewan's economy

Projected rate increase of 2.6%/year

**NET ZERO
BY 2035**

**Unaffordable
and Unrealistic**

Federal Plan

Massive increase to power rates

Unreliable power supply

Damage to Saskatchewan's economy

Power rates expected to more than
double