

An Integrated Energy System:
**A Better Way Forward to
Net-Zero in Nova Scotia**

We’ve always relied on energy to move us forward. Here and around the world, the decades ahead will be defined by how we make and use energy to meet the challenge of climate change.

Our Vision

An energy resilient province with an abundance of clean, affordable energy.



Goal



The Mission

Transform how energy is produced, stored, distributed and consumed in Nova Scotia.



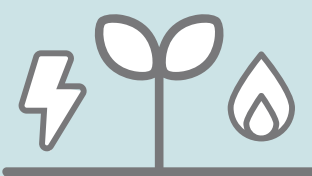
Energy Efficiency & Conservation

Change the way we consume energy through improved energy efficiency and conservation.

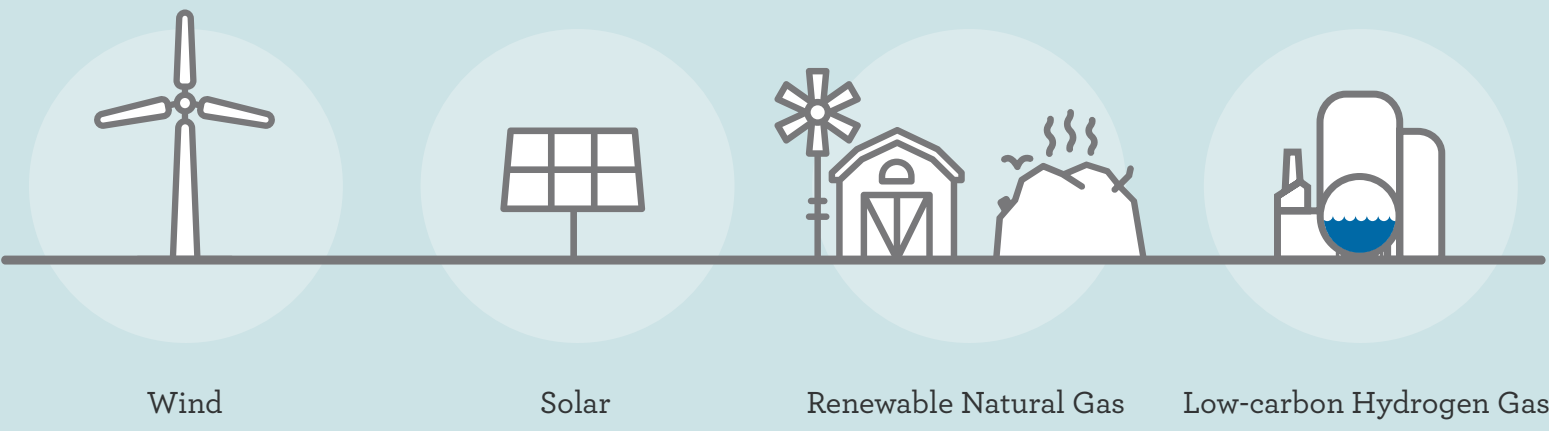


Cleaner Energy

Transition to renewable electricity, renewable natural gas, and low-carbon hydrogen.



How do we create a clean energy future?



The Solution: An Integrated Energy System in Nova Scotia

1 + 1 = 0

Clean Electricity + Clean Gas = Net-Zero Emissions

Linked Electricity & Gas Grids

Change how we distribute energy by linking the electricity and gas delivery systems, so they can work together to build a more flexible and resilient energy system.

Energy Storage

Change the way we store energy to balance short-term and seasonal supply and demand in Nova Scotia’s winter peaking energy system. Green hydrogen can store the wind’s energy when it blows, so we can use it when it doesn’t.

Why is an integrated energy system a better way forward?

Meeting the challenges of a net-zero future:



Clean Energy Growth



Emissions Reductions in Diverse Sectors



Peak Demand Management



Energy Resiliency & Flexibility



What’s Next?

Moving Forward. Together.

We all have a role to play in achieving net-zero. There is no time to waste. By taking action now and working together Nova Scotia can lead the way to a clean energy future.