

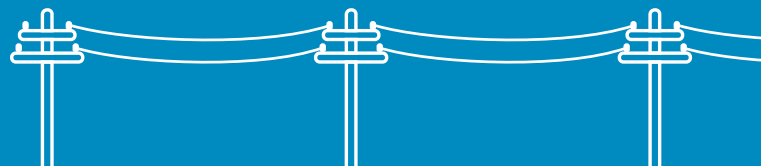


# building a resilient and renewable energy future

Yukon Energy's Road Map to 2050

Building a Resilient and Renewable Energy Future:  
Yukon Energy's Road Map to 2050


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 The Wareham spillway is a critical component of the Mayo Generating Station. *Yukon Energy*

# who we are

Yukon Energy is a publicly owned electrical utility established in 1987. We operate as a business, at arm's length from the Yukon government, to generate and transmit electrical energy in the Yukon. We work with the Yukon Development Corporation, our parent company, to provide reliable electricity to Yukoners.



## our home

The Yukon. Our facilities are located on the traditional territories of Yukon First Nations who have occupied this land since time immemorial.

## 23,000 electricity consumers

There are over 23,000 electricity customers in the Yukon. We sell most of our electricity to ATCO Electric Yukon who then delivers it to most Yukoners. We directly serve about 2,300 customers, mostly around Dawson City, Mayo and Faro.

## 90% renewable energy

Based on a 25-year average, over 90% of the electricity we produce is renewable, coming from our Whitehorse, Aishihik and Mayo hydropower facilities.

## 26%↑ population growth

The Yukon's population grew by 26% between 2014 and 2024<sup>1</sup>. Between 2015 and 2020, peak electricity demands from Yukon homes and businesses (excluding mines) surged by 25%. This upward trend shows no signs of slowing, with non-industrial peak demand projected to rise by 40% by 2030, and 50% by 2035 compared to 2020.



## our vision

Our vision is a resilient and renewable energy future for all Yukoners

## our mission

To lead the transition to a more reliable, robust and renewable electricity system that meets the demands of tomorrow while safeguarding the energy needs of today

## our values

We are safe

We are accountable

We collaborate

We are respectful and inclusive

We innovate

We care about the environment

We support reconciliation

<sup>1</sup> Based on the Yukon Bureau of Statistics' Population Report First Quarter, 2024.

# a message from our Chair

In the heart of the Yukon, we're not just generating electricity – we're lighting the road toward a brighter energy future. Our mandate is clear: to provide Yukoners with reliable power today while laying the foundation for the innovations of tomorrow.

Yukon's electricity grid is not connected to the rest of Canada, so the challenges we face are on all of our shoulders. The opportunities in front of us are ours to reach. From the growing demand for electricity to the ever-changing climate – our opportunity is transformation. That's why we've created this road map – to define our vision for the future. By safeguarding the renewable resources we rely on today, harnessing the strength of our communities, and innovating for resilience, we are building an electricity system that Yukoners can count on for generations to come.

When our previous strategic plan was launched in 2019, it was a different world. Since then, our economy and public finances have been upended by a global pandemic, inflation, high interest rates, and constrained access to capital. The challenges presented by climate change have increased. Our Board and staff are facing these realities head-on, requiring us to be ambitious and bold.

We must be even more resilient and flexible to meet the growing needs of Yukoners. This means investing in dependable energy sources that can weather even the coldest winters, modernizing our systems to make them more flexible and responsive, and phasing out polluting fuels with renewables over time.

The partnerships we are building with First Nations and the communities we serve will be at the forefront of our journey. We plan to build infrastructure together, while supporting reconciliation and economic development. We believe that by working together, we can create lasting benefits for all Yukoners, care for the environment, and meet our energy needs.

As we look ahead to the future, we are guided by a commitment to safety, reliability, innovation and working with others. While responding to the demands of today, we are preparing for the future, ensuring that the energy powering our homes, businesses and lives is safe, reliable and more renewable. Together with all Yukoners, we will build a future where the Yukon continues to be powered by innovation, grounded by integrity, and fueled by the unstoppable spirit of Yukoners.



**Rod Savoie**

Chair, Yukon Energy Corporation Board of Directors



“


As we look ahead to the future, we are guided by a commitment to safety, reliability, innovation and working with others.”

# the road map to our future

A thriving, healthy and prosperous Yukon in 2050 is the future we envision. It's a place where a resilient electricity system fuels Yukoners' homes, businesses and lives, supports economic opportunities, strengthens Arctic security, and advances meaningful reconciliation with First Nations. It's a lower-carbon future envisioned by the governments of Canada and the Yukon, and supported by many Yukoners.

Going down that road, we will have to navigate a growing population, ongoing electrification of industry, homes and transportation, more intermittent renewable resources, emerging technologies, a changing climate, and greater expectations from our partners and customers on how we operate.

As we plan for that future, we are guided by this mission: to lead the transition to a more reliable, robust and renewable electricity system that meets the demands of tomorrow while safeguarding the energy needs of today.

 Aerial view of Fox Lake and the North Klondike Highway, looking south towards the Richthofen Valley. *Government of Yukon / Andrew Strain*

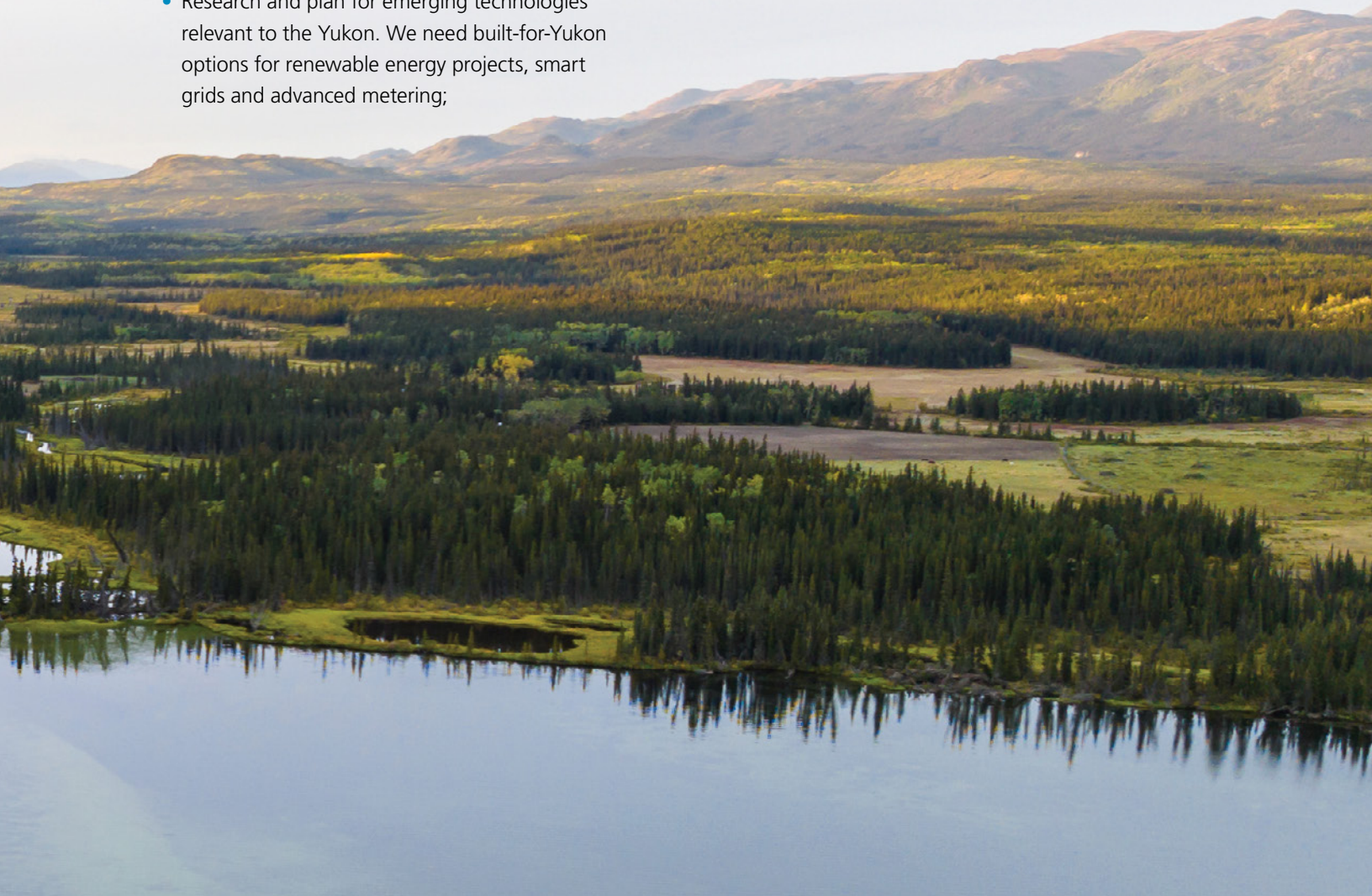


This is a bold vision and challenging mission in the face of an increasingly complex future. It will require us to:

- Build on the work we've already done. It will be critical to repair and maintain the legacy hydro infrastructure that provides most of our renewable electricity today;
- Continue to pursue renewable electricity solutions that can be relied on in the winter when demand for power is high. It will take investments in grid stability to handle intermittent renewable resources – like wind and solar – and storage to be able to use them effectively;
- Work together with First Nations partners. We must continue to recognize First Nations as partners in the electricity sector, exploring strategic investment opportunities and identifying projects together;
- Research and plan for emerging technologies relevant to the Yukon. We need built-for-Yukon options for renewable energy projects, smart grids and advanced metering;

- Access financing. If it is to succeed, building a robust, resilient and more renewable energy future must be cost competitive. A wide array of pragmatic, thoughtful measures will be needed to attract the necessary construction financing and capital; and
- Work efficiently through regulatory and permitting processes. This will be required at all levels of government to safeguard the critical energy infrastructure we have and build the infrastructure we need for tomorrow.

Doing this requires investments in all aspects of our electricity system. It requires a commitment to innovation. It requires discipline to prioritize investments in grid reliability and resiliency in the near term. A robust, modern and flexible electricity system is essential for the next generation of community renewables to be successful. To capture all this, we need a road map.



# why a road map?

Maps help us clearly identify where we are now, what our destination is, and how we are going to get there. We've developed a road map that shows the route we need to take and the stages along the way. It paints a picture of the future we envision and outlines our current reality and priorities.

Our journey will unfold in three stages, progressing at different paces, with the success of each stage depending on the completion of the one before it. As we go, we'll tell the story of each stage through chapters, starting with **Chapter 1: A Reliable and Robust Grid – Reinforcing Our Foundation.**

The speed of our success depends on the strong partnerships we build with First Nations and the investments we secure, ensuring that we can keep electricity rates affordable into the future.

Together, these three chapters will outline the plans, partnerships and capital investment requirements that will move the work forward until 2050; they provide the full picture of what's needed to build an electricity system that meets the needs of future generations.

## CHAPTER 1: 2025–2030

### **a reliable and robust grid** reinforcing our foundation

Our first chapter focuses on maintaining, strengthening and expanding our ability to produce the electricity that we generate today. It outlines how we'll upgrade existing infrastructure and build new power centres to ensure an adequate supply of electricity. One or more Calls for Power in this stage of the road map will help us kick-start the development of new renewable resources that we can rely on during the winter. Chapter 1 also includes plans to increase the resiliency of existing transmission and distribution systems as well as new substations. Through First Nations partnerships and engagement, we also plan to reduce effects of existing operations and identify future resources and opportunities.

## CHAPTER 2: 2030–2035

### **a modern and flexible grid** balancing supply and demand

Our second chapter builds on the reliable, robust grid and champions flexibility and new solutions. It will show how our research into modern technologies, suited to Yukoners' evolving needs, can be used to balance electricity supply and demand. These technologies will ensure a reliable flow of electricity even when intermittent renewable resources experience fluctuations. Chapter 2 will also outline how we will automate existing systems to more quickly detect and isolate problems and restore outages faster.

## CHAPTER 3: 2035–2050

### **a resilient and more renewable grid** securing our energy future

In the third and final chapter, our focus shifts to building significant new sources of renewable electricity locally in partnership with First Nations. These are the resources that will support a resilient and robust energy future. Chapter 3 will also highlight our exploration of emerging technologies and large-scale solutions.

2035  
to  
2050

2050

**CHAPTER 3**

**a resilient and more renewable grid**

- Significant new sources of renewable electricity built with and by First Nations
- Funding support and investment opportunities help keep rates competitive

**where we will be**

Yukoners are supported by a robust, reliable and renewable electricity system.

2030  
to  
2035

**CHAPTER 2**

**a modern and flexible grid**

- More energy storage and winter renewables
- Real-time data and monitoring
- Automated grid infrastructure

2025  
to  
2030

**CHAPTER 1**

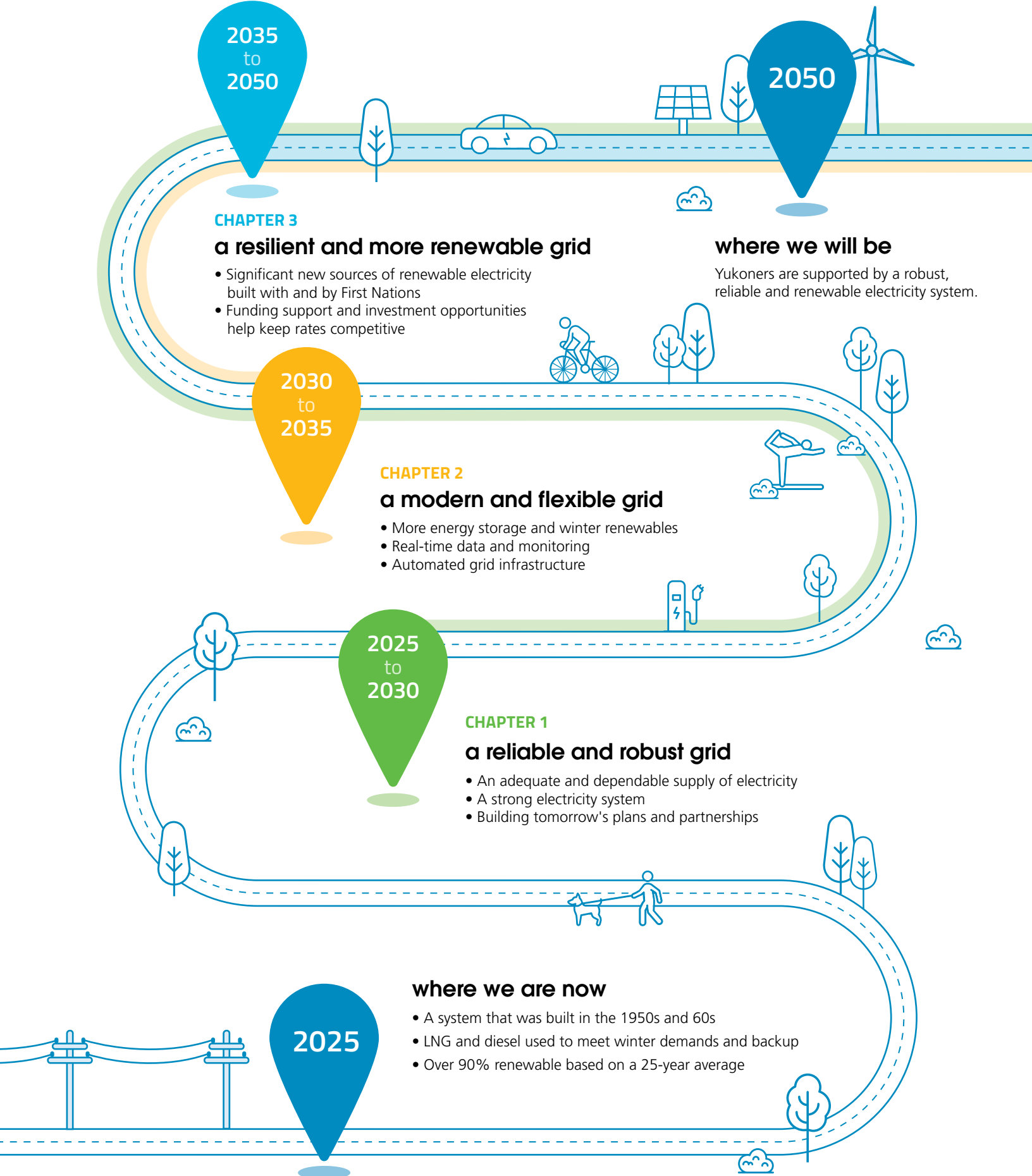
**a reliable and robust grid**

- An adequate and dependable supply of electricity
- A strong electricity system
- Building tomorrow's plans and partnerships

2025

**where we are now**

- A system that was built in the 1950s and 60s
- LNG and diesel used to meet winter demands and backup
- Over 90% renewable based on a 25-year average



# a staged journey

Our road map goes through the three main stages on the way to its future destination. These are outlined in broad strokes below. As we proceed with the work itself, the details will be provided in the chapters written for each stage.

How quickly we reach our goal will depend on how effectively we manage and develop the objectives of each chapter. These include the formation of successful First Nations partnerships, access to financing and capital, effective research and planning, and securing community support to build the projects and implement the programs we need.

While the Yukon may be larger than life, it's a small jurisdiction for a public utility. Given our small population, there are limits on how much we can do. Whatever plans we have, both reliability and affordability must remain our core focus.

We can't afford to do too many projects at the same time. We cannot cover the sizeable investment required, nor can we pass all the cost on to our Yukon ratepayers. But hanging one stage on the completion of another – each with its own partnership–funding–planning components – gives us a way forward.



2025  
to  
2030

**a reliable and robust grid**  
reinforcing our foundation

2030  
to  
2035

**a modern and flexible grid**  
balancing supply and demand

2035  
to  
2050

**a resilient and more renewable grid**  
securing our energy future

## CHAPTER 1

# 2025–2030

## a reliable and robust grid



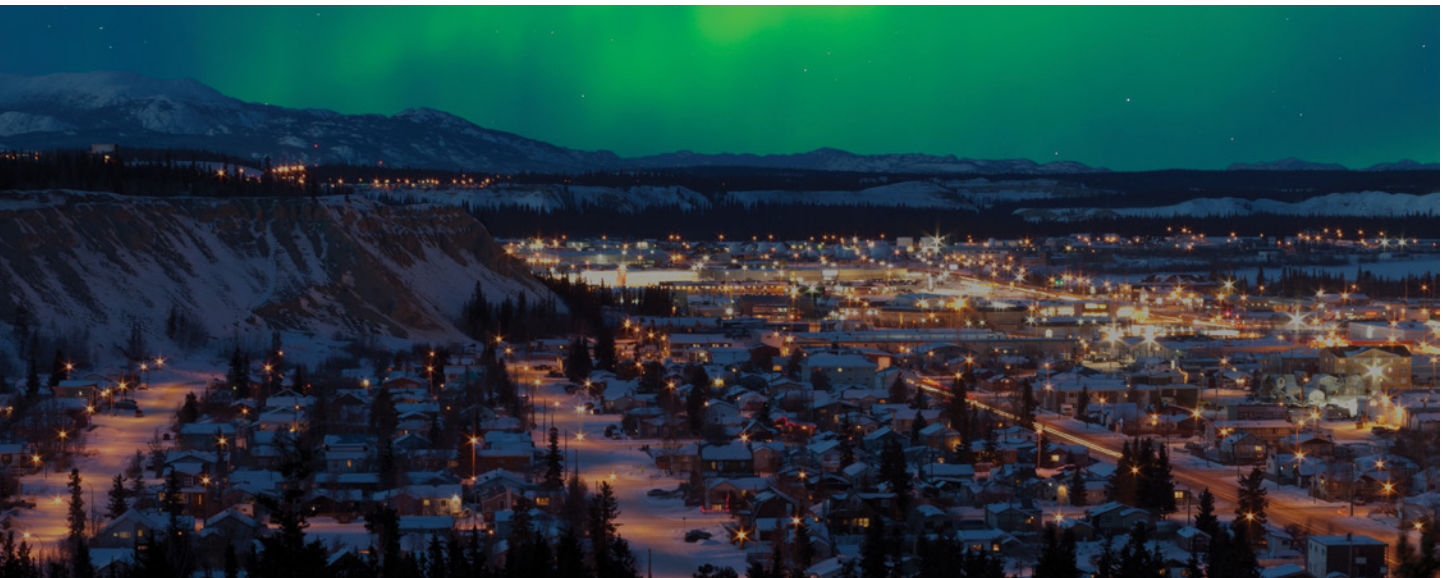
### what it looks like once achieved

Yukoners have power when and where they need it. And that's due to the dependable and adequate supply of electricity and backup we've made available locally. The supply is enough to meet growing demands for winter power. It's enough to withstand drought years and variations in solar and wind energy production.

We've upgraded power lines within and between communities to deliver more reliable electricity across the territory and worked with First Nations partners to reduce effects of our operations.

We've developed plans to accommodate Yukoners' evolving electricity needs. And we've done our research and worked with First Nations governments and community stakeholders to identify emerging technologies and future sources of renewable electricity.

 Northern lights over downtown Whitehorse. *Pi-Lens*





## what's needed to build a reliable and robust grid

### **An Adequate and Dependable Supply of Electricity**

- Renew permits for the continued operation of existing hydro and diesel facilities.
- Invest in aging infrastructure, including the rebuilding of Mayo's hydro facilities.
- Build new power centres in the Whitehorse area to provide dependable sources of winter power today, add redundancy and strengthen our grid, and support the safe integration of future community renewable energy projects.
- Deliver programs that help Yukoners reduce peak-time power demands.

### **A Strong Electricity System**

- Expand the capacity of power lines and substations to meet growing demand.
- Build new transmission lines and substations in high-demand areas.
- Upgrade business systems to improve efficiency and support automation.
- Invest in developing a skilled workforce equipped to address the challenges of the future.

### **Building Tomorrow's Plans and Partnerships**

- Issue one or more Calls for Power for the development of dependable winter energy and capacity resources.
- Complete a grid modernization plan.
- Work with our shareholder, the Yukon Development Corporation, to release a resource plan with input from First Nations governments and community stakeholders that identifies the resources needed in the long term.
- Develop partnerships with First Nations governments to manage existing resources in a way that reduces effects on the environment, and to build new sources of electricity.
- Secure critical investments and construction financing to move projects forward.

## CHAPTER 2

# 2030–2035

## a modern and flexible grid



### what it looks like once achieved

Yukoners' relationship with their electricity has changed – for the better.

Much of this is due to on-site generation and storage, smart appliances, energy literacy and electric vehicles – built on the foundation of adequate and reliable power.

Advanced metering provides customers and utilities with more information about individual usage and generation habits. This enables them to make

real-time decisions about how to use electricity. Smart grids detect and isolate problems before they lead to widespread outages, reducing downtime and improving overall reliability.

Utilities consistently use batteries, sync condensers, and other tools to match electricity supply with demand. In this way, we maintain grid stability as more intermittent sources of renewable energy become available.

 Transmission lines in Whitehorse. *Yukon Energy*





## what's needed to build a modern and flexible grid

### Success of Chapter 1

- Meet the growing demands for electricity with an adequate and dependable supply of power and a robust electricity system.

### More Energy Storage and Winter Renewables

- Employ energy storage solutions and other tools to help balance supply and demand on the grid and ensure a steady flow of electricity, even when renewable generation dips.
- Integrate more winter renewable resources that can help reduce our reliance on diesel and LNG generators during those times of year.

### Real-Time Data and Monitoring

- Use Automated Metering Infrastructure (AMI) and utility visibility of intermittent renewable resources to better predict energy production and demand patterns. This will maintain grid stability, effectively manage resources, and reduce the likelihood of disruptions.

### Automated Grid Infrastructure

- Establish adaptable and resilient transmission lines, substations and distribution systems that can manage intermittent renewable energy sources effectively.
- Deliver built-for-Yukon technologies and demand-side management programs, and support consumers in adjusting their energy use based on grid conditions.

## CHAPTER 3

# 2035–2050

## a resilient and more renewable grid



### what it looks like once achieved

The Yukon has the tools to support a resilient and more renewable electricity system.

That's the outcome of the robust, reliable and modern electricity system we've put in place in collaboration with First Nations partners. We've built or connected significant new sources of renewable electricity sources to support future generations of Yukoners, their homes and their businesses.

Emerging technologies, large-scale renewable projects, and a possible B.C. grid connection create new opportunities for the Yukon to reduce the use of thermal resources. Partnerships with First Nations continue to form the basis of new electricity projects in the territory.

 EHELP's four new wind turbines on Haeckel Hill—Thay T'äw, overlooking Whitehorse. *GBP Creative*





## what's needed to build a resilient and more renewable grid

### **A Robust, Reliable and Modern Foundation**

- New projects are built on the foundation of a robust, reliable and modern electricity system.

### **Significant New Sources of Renewable Energy**

- Our electricity system has to triple in size in less than half the time our original electricity system was built. Significant sources of new renewable energy will be required to meet future demands for power that comes with electrification.

### **Partnerships with First Nations**

- First Nations and utilities work together to plan, develop, build and operate new resources and projects.

### **Ongoing Funding Support and Investment Opportunities**

- Partnership funding and significant annual investments in our electricity system over the next 25 years help keep Yukon electricity rates competitive with other jurisdictions across Canada.

# advancing in parallel

While we're all on the same road to a more resilient and renewable future, we're driving two different vehicles. One is focused on legacy infrastructure, while the other is focused on future infrastructure.

## legacy infrastructure

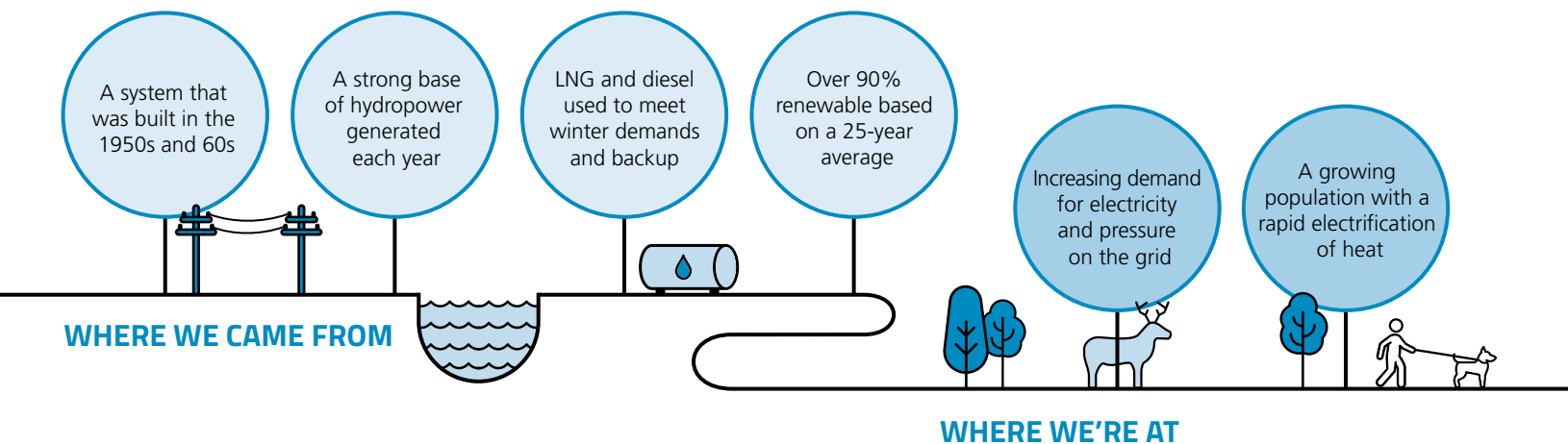
The critical infrastructure we have now – some of it over 60 years old – will continue to be the critical infrastructure in the future. Our legacy hydro facilities are what has allowed us to produce an average of over 90% of Yukon's electricity over the last 25 years. As we work to maintain this into the future, we need to make investments now to keep our hydro resources operating efficiently and reliably, while minimizing impacts on the environment and people. Safeguarding this infrastructure will continue to ensure the safety and well-being of Yukoners.

This is some of the work found in the first stage of the road map, that is outlined in Chapter 1. The investments required are significant. Of the more than \$500 million<sup>2</sup> required, over 70% is for ensuring that an adequate and dependable supply of electricity is available locally to meet growing demands for power, particularly in the winter.

## future infrastructure

While we've already been integrating wind and solar into our grid and are nearing the completion of a grid-scale battery energy storage system, building a resilient future will involve new sources of renewable energy. This will support growing demands over the long term, as well as help to reduce our reliance on thermal resources in the winter months. In order to meet that future, we need to research emerging technologies that are relevant for the Yukon and plan for long-term renewable energy projects.

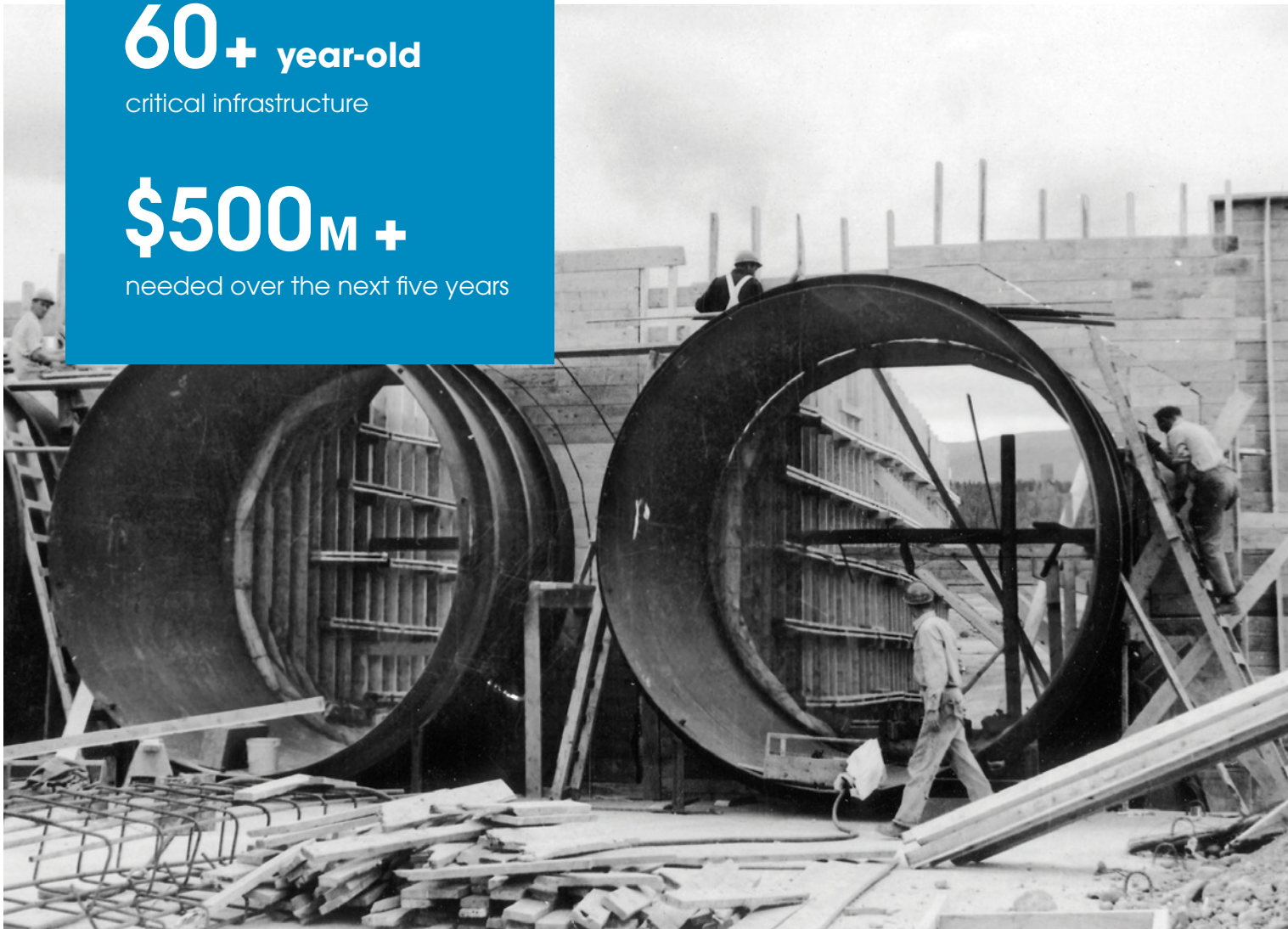
Planning starts now, with the results of this work being implemented in the second and third stages of the road map. By doing the foundational work today, such as planning, upgrading our system and forming partnerships, we'll be ready to move forward in the near future.



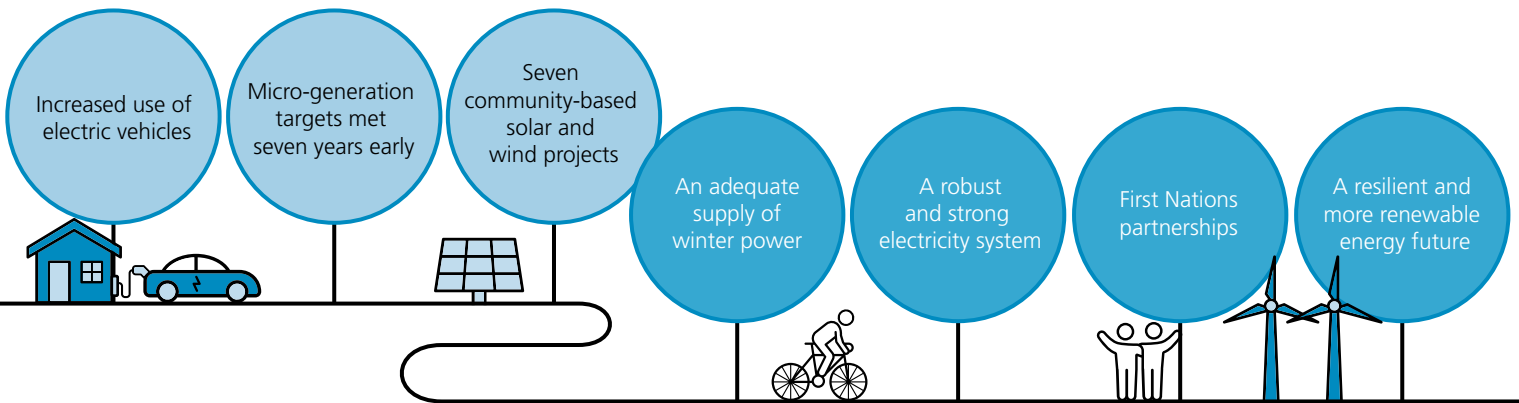
<sup>2</sup> Based on Class 5 estimates in 2024. Estimates will change based on market conditions and as each project's design and development is advanced.

**60+** year-old  
critical infrastructure

**\$500M+**  
needed over the next five years



Members of the Poole Construction crew working on the intake structure at the Whitehorse dam in 1957. Yukon Archives. McLeod, Bea fonds. 82/484, PHO 169



**OUR VISION FOR THE FUTURE**

# the challenges we face

## the growing demand for electricity

Electrification (electrifying heating sources and transportation) is the most viable means the Yukon has to support government-led climate targets. Yukon Energy is rising to the challenge of growing demand for electricity, by helping to build a resilient electricity system for the territory.

As Yukoners turn to electricity as an alternative to fossil fuels, their consumption increases significantly. A home that converts from a propane or diesel heating source to electric heat requires approximately three times the amount of electricity as before. Already, electrification plus population growth is driving winter peak demand. Forecasts show that peak demands for electricity from homes and businesses connected to the Yukon grid will increase by 40% by 2030 compared to 2020. Supporting this growth in demand means that we need to make significant investments in all aspects of Yukon's electricity system.



# 3x

A single-dwelling home, on average, requires three times the amount of electricity when it converts from a propane or diesel heating source to electric heat.

# 40% ↑

Peak demands for electricity from homes and businesses connected to the Yukon grid are expected to increase by 40% by 2030 compared to 2020.

## we're isolated

The Yukon grid is isolated from the larger North American electricity grid. We cannot import electricity when we need to or export power to other jurisdictions when there is a surplus. This means we have only ourselves to rely on to ensure we have the capacity to generate the electricity we need. While feasibility work for a grid connection between B.C. and the Yukon is under way, the earliest completion of the project is 10 to 15 years away. In the meantime, we must remain laser-focused on upgrading the electricity system we have today. Equally important is to build new electricity sources that we can count on locally to meet the urgent needs of Yukoners now and for the next decade.

## external pressures on advancing projects

Yukon Energy is not immune to external global pressures, including inflation, increased labor costs, and supply chain delays, which have made it more challenging for us to plan, direct and execute projects. We also encounter complexities related to project scope and expenditure, as well as the growing need to connect new customer extensions and intermittent renewable energy sources to the grid.

With increasing expectations and public involvement in the way our work is done, comes increasing opportunities for us to tell the story of the good work we do. It's a way for us to demonstrate our corporate responsibility to Yukoners.

# 80%

## of the power supply

During winter peaks on an average day, homes and businesses connected to the Yukon grid (excluding mines) use about 80% of all the power Yukon Energy can generate at a point in time<sup>3</sup>.

### we need more winter power we can rely on

Demand for power in the Yukon is highest during the winter. In fact, it's nearly three times higher in winter than in summer. While the Yukon provides an abundance of hydro resources in the summer, there's not enough hydropower to meet our peak demands in the middle of winter. We are in urgent need of electricity projects that can reliably provide capacity during the winter.

Chapters 1 and 2 on our road map will provide the necessary foundation to support the next generation of community renewables. In the meantime, we rely on thermal sources such as diesel and LNG to bridge the gap between winter demand and what our existing renewable resources can supply.

We currently rent diesel generators to meet peak demands and to protect Yukoners from extended power outages during emergencies. Looking ahead, we will continue to rely on thermal resources until new sources of dependable winter capacity can be built.

### increasing complexity of the electricity grid

Yukon's electricity system used to be fairly straightforward: the utilities generate electricity, deliver it, and keep the lights on. Now, homes and businesses are producing electricity through solar panels. Independent Power Producers are supplying and selling electricity to our grid. We need to manage the changes brought on by electrification and the rapid increase in intermittent renewable resources on the system to keep the entire grid stable and reliable, right through the depths of winter.

### aging infrastructure

We need to invest in safeguarding our hydro generating stations, and we need more sources of electricity that we can rely on during the winter. Renewing aging infrastructure requires permitting, licensing, and significant maintenance. But investing in what we have can help us generate over 90% renewable electricity each year over the long term. Hydropower – the very thing that has made the Yukon one of the leaders in renewable electricity for over 50 years in this country – will likely be the backbone of our electricity supply in 2050.

We need to keep up with critical maintenance while also upgrading systems. This means increasing the resiliency of the existing transmission lines, distribution lines and substations. We also need to implement technologies that give utilities greater understanding and control of the electricity needed and supplied every hour of every day.

### attracting capital

We work with our parent company, Yukon Development Corporation, and the Yukon government, to identify capital needs. We meet our capital needs by one of two avenues: through the ratepayers or through external funding from partners. We don't have the ability to self-finance, and current needs must fit within the Yukon government's debt cap imposed by the federal government.

Since our previous strategic plan was adopted in 2019, the environment for raising infrastructure capital has been deeply impacted by the pandemic, inflation, rising interest rates and competition for government funding. We will need cooperative and innovative approaches to attract capital to renew and expand electricity infrastructure.

Yukon's electrical infrastructure is and will be built on First Nations traditional territories. By embracing First Nations as partners, we expand opportunities for Nations to initiate energy development projects and participate through planning, development and capitalization.

<sup>3</sup> Based on a winter day at an average temperature of -19 degrees celsius. Measured in megawatts (MW).

# what's clear

The state of transformation in which we now find the Yukon's electricity system has clarified our market position: our electricity system needs to become more resilient, flexible and renewable to meet the growing needs of Yukoners.

## **Resilient, by meeting the demand created by widespread electrification**

We need an adequate supply of dependable winter capacity and energy resources, as the winter is when demand is greatest. We also need enough backup sources of supply locally to keep the lights on and houses warm as unforeseen circumstances arise. These include drought years, emergencies, and to support variations in solar and wind production and the next generation of community renewable projects.

While it's important that we add more electricity sources, it's also important that we maintain existing generation by relicensing our hydro and thermal plants. We must strengthen and build onto the electricity system we have in place – including the transmission and distribution power lines and substations – to deliver more electricity across the territory, reliably.

Diesel and LNG generators provide us with balance and a resilient winter fallback. They can come on immediately when our renewable supply is not enough to meet peak demand. They can prevent prolonged power outages during emergencies. While we are nearing completion of a grid-scale battery that will also provide backup supply, thermal generation is the only viable solution that can be implemented in the near term. However, relying on thermal resources is not our long-term solution. Our long-term solution is to continue researching, planning and building alternative renewable energy infrastructure in collaboration with First Nations governments.

## **Flexible, by making systems better suited to support a variable electricity supply and changing energy needs**

Our current system is highly manual. We have mechanical gates and valves, making outage restoration a hands-on process. With growing complexity, we need modern, automated technology that provides flexibility to react to changes, matches electricity supply with demand minute-by-minute, and maintains grid stability as more intermittent renewable resources of energy become available.

Advanced metering would provide customers and utilities in the territory with more information about individual usage and generation habits. This will enable us to make real-time decisions about how electricity is used. Smart grid technology would also detect and isolate problems before they lead to widespread outages, reducing downtime and improving overall reliability.

## **More renewable, by increasing renewable electricity sources that can provide winter capacity for Yukoners**

This will help to reduce our reliance on thermal resources in the long term.

While we move forward with the projects needed today to improve the reliability and resiliency of our electricity system, we will also engage First Nations governments about future community renewables. Together, we will explore, research and plan for energy projects that incorporate our shared priorities and values.



Mayo Lake Control Structure. Yukon Energy

# next steps

We will be releasing **Chapter 1: A Reliable and Robust Grid – Reinforcing Our Foundation** in 2025, as a separate document. Chapter 1 will lay the foundation for the journey ahead, outlining the decisive steps we will take in the next five years to build a stronger power system for Yukoners.

Future chapters will reveal how we'll shape our grid into one that's modern, flexible and unwaveringly resilient.

Throughout this journey, and central to all three chapters, are four key factors for success.

## 1 reliability

Ensuring the reliability of Yukon's electricity systems is vital. Safety is our top priority, and we know that ongoing work will be required to enhance system reliability so that we can meet winter demand and keep the lights and heat on during the cold, dark months in the Yukon.

## 2 access to financing

Our transition to a more resilient system must be affordable to ratepayers and cost competitive. A wide array of pragmatic, thoughtful approaches will be needed to attract the necessary partnerships, construction financing and capital investments.

## 3 efficient permitting

Safeguarding the critical energy infrastructure we have and building the infrastructure we need for tomorrow requires efficient and coordinated regulatory and permitting processes at all levels of government. This hinges on First Nations partnerships and robust community engagement, so that we can ensure a future system that works for Yukoners.

## 4 First Nations partnerships

Yukon Energy's electricity infrastructure is built entirely on Yukon First Nations traditional territories. By working in partnership with First Nations, we can help advance economic opportunities in energy development, minimize the impacts of electricity projects and operations, restore better balance in the environment, and harness a powerful force for reconciliation.

By prioritizing reliability, securing financing, getting the permits we need, and working in collaboration with First Nations and the communities we serve, we can build the electricity system that the Yukon needs today and into the future. We know that our road map will help guide the Yukon to a resilient energy future by 2050.

