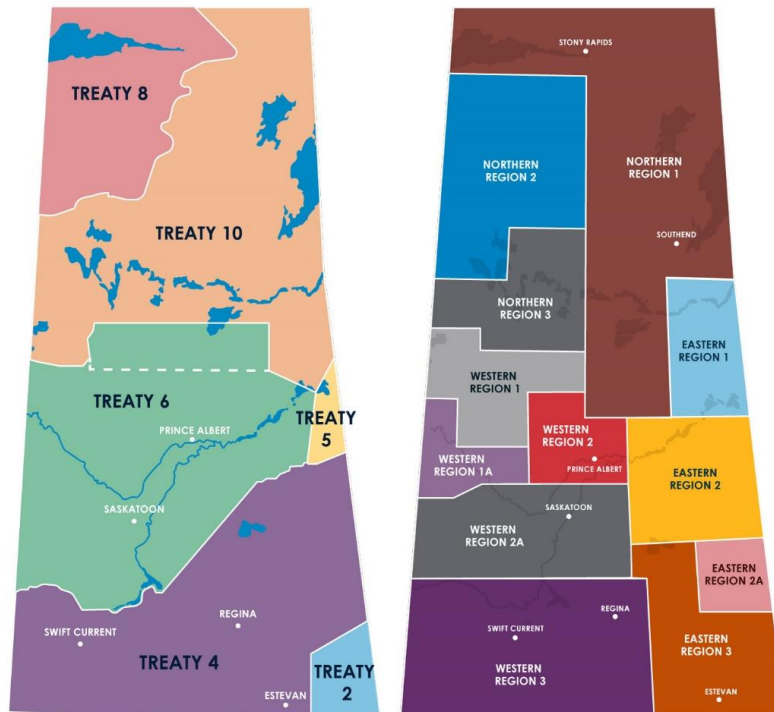


# OUR POWER IS CHANGING

While we wait, check out [SaskPower.com/engage](https://SaskPower.com/engage)

# LAND ACKNOWLEDGEMENT



NUMBERED TREATIES & MÉTIS LOCAL MAPS OF SASKATCHEWAN

# PROJECT STAGES

Sep-Oct 2022

Nov-Mar 2022

June-Sept 2023

Oct-Nov 2023

Early 2024



Getting to  
Know You

Setting  
the Stage

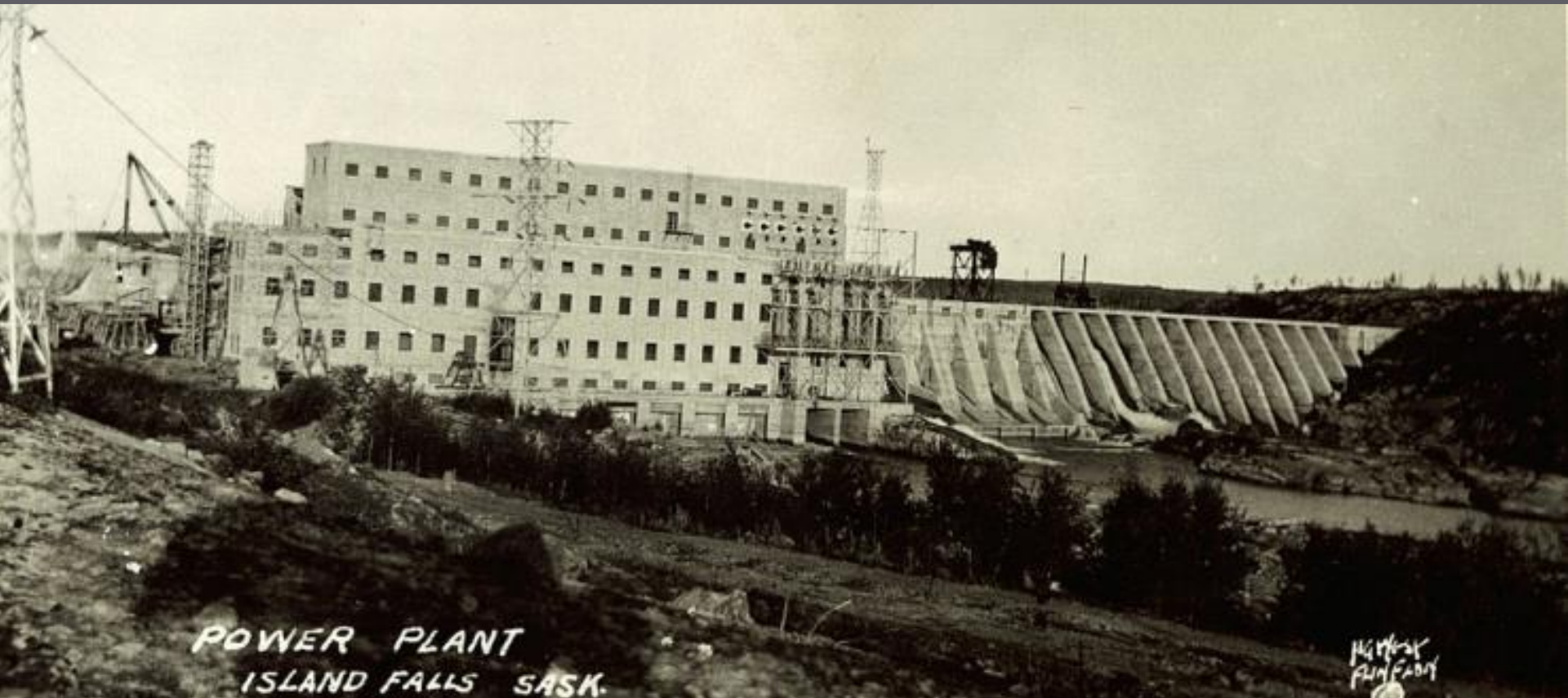
Future  
Power  
Supply  
Scenario  
Exploration

Draft  
Long-term  
Plan

Final  
Report  
Released



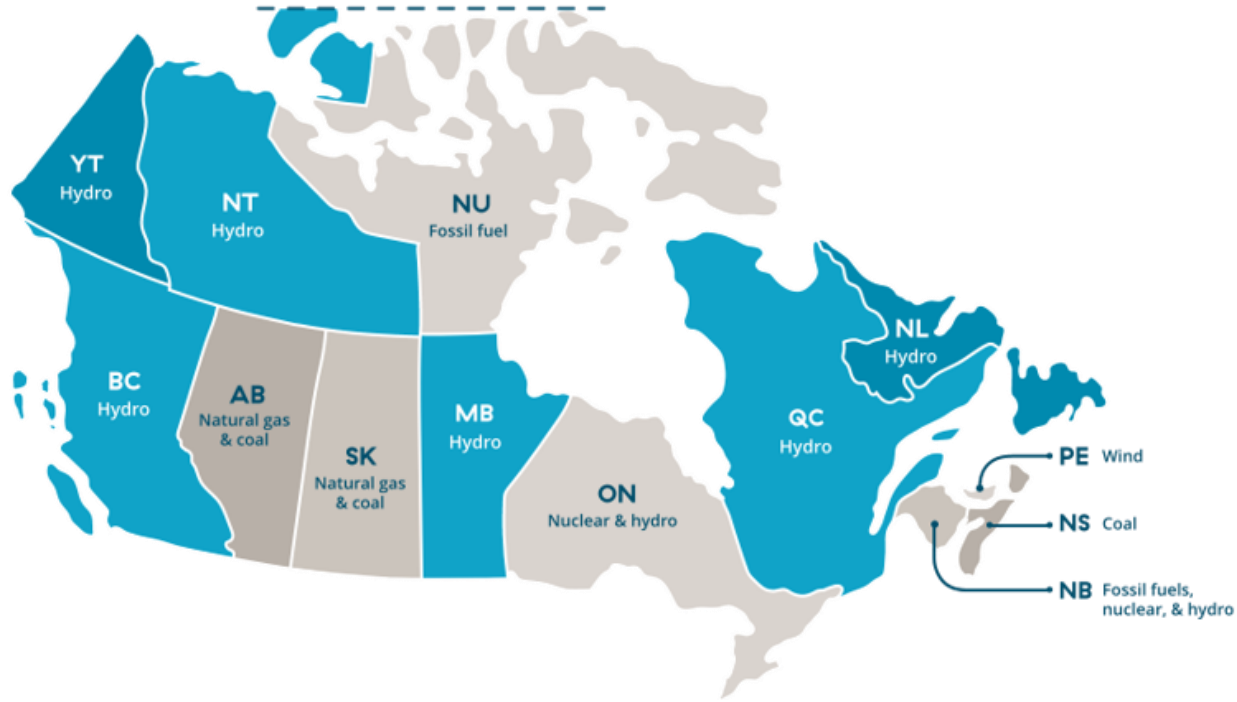
# HISTORICAL PERSPECTIVE



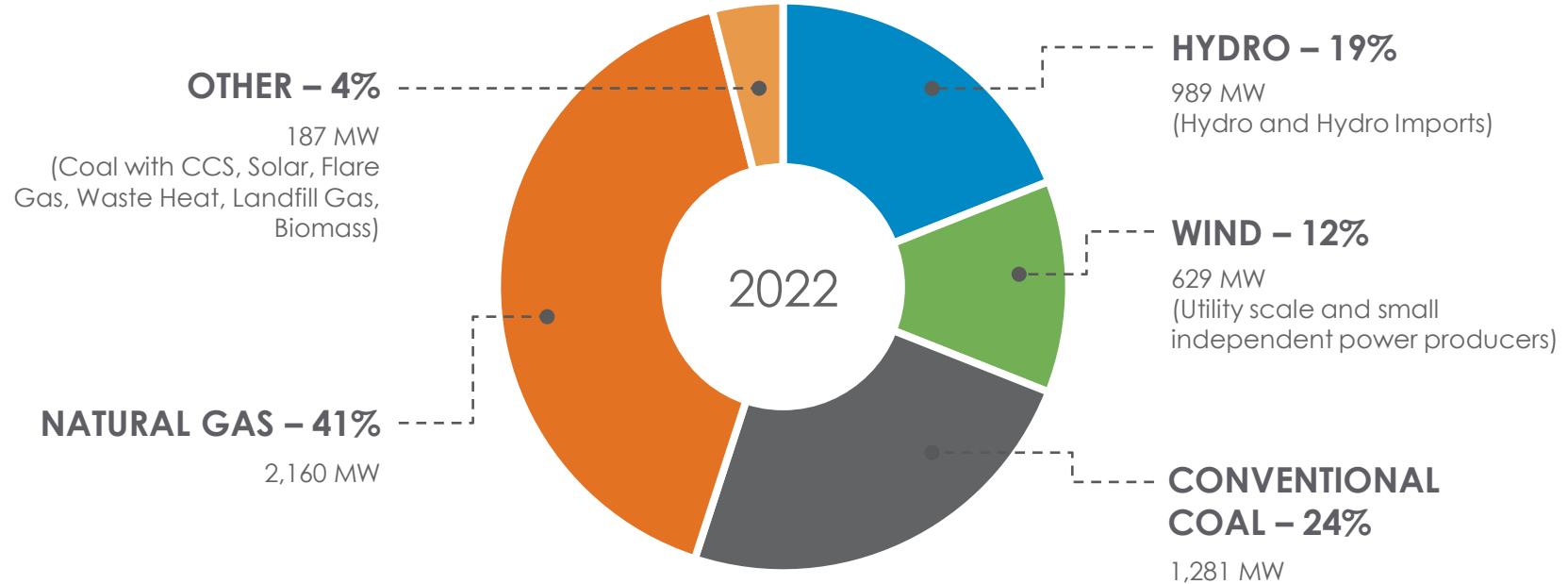
POWER PLANT  
ISLAND FALLS SASK.

Highway  
100  
100

# POWER IN OTHER PROVINCES



# SASKATCHEWAN'S POWER MIX



# CHANGING REGULATIONS

Conventional coal generating units must be retired by 2030

Carbon tax comes into effect and will reach \$170/tonne by 2030

2019

2020/2022

2012/2018

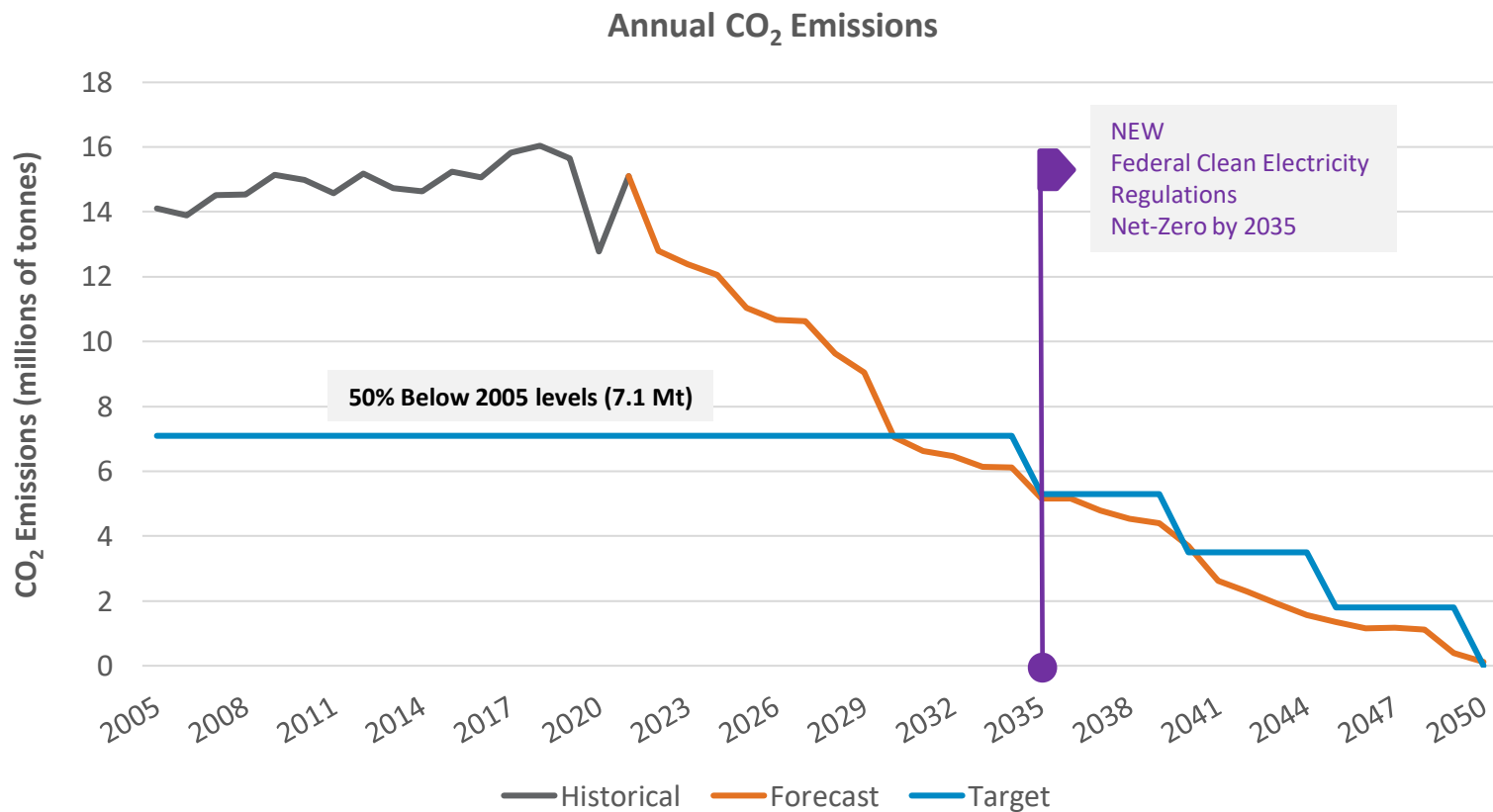
2019/2020

Natural gas-fired generation emissions regulations

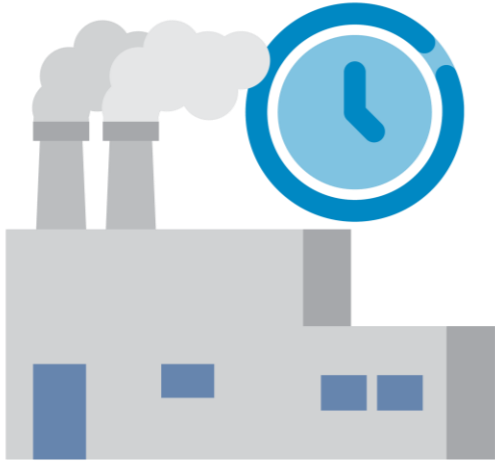
Net-zero greenhouse gas (GHG) electricity system by 2035



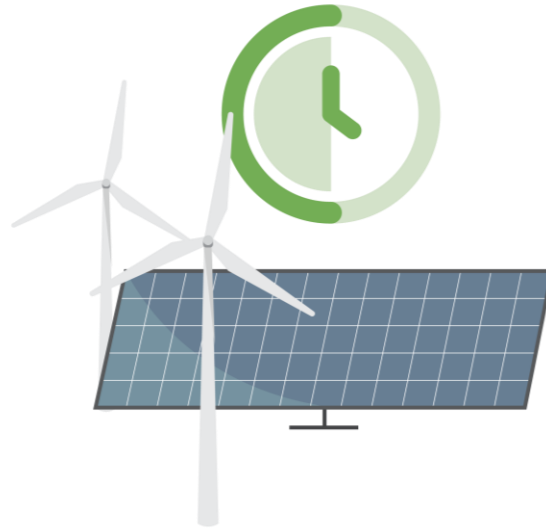
# FORECASTED EMISSIONS



# KEEPING THE LIGHTS ON

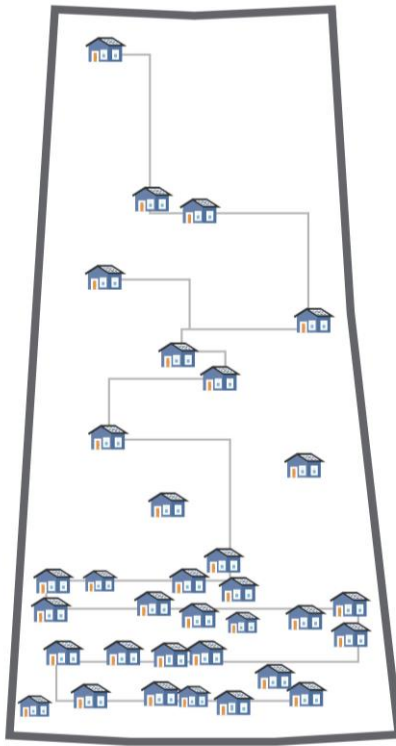


**Steady Sources**  
Like natural gas or nuclear



**Variable Sources**  
Like wind and solar

# SASKATCHEWAN'S UNIQUE CIRCUMSTANCE



# AVAILABILITY

## BEFORE 2030



NATURAL GAS



IMPORTS



WIND & SOLAR



DISTRIBUTED  
ENERGY RESOURCES



BATTERY  
STORAGE



DEMAND SIDE  
MANAGEMENT

## AFTER 2030



SASKATCHEWAN  
HYDRO



SMALL MODULAR  
REACTORS



NATURAL GAS  
WITH CCS



CONVENTIONAL  
COAL WITH CCS



HYDROGEN

# NUCLEAR POWER PROJECT

- SaskPower is in the second year of a multi-year planning phase for the development of nuclear power from Small Modular Reactors (SMRs)
- A decision to build an SMR won't be made until 2029
- Elbow and Estevan study areas have been identified for the first potential SMR



Go to [saskpower.com/nuclear](https://saskpower.com/nuclear) to learn more



**QUESTIONS**

# LET'S KEEP TALKING!

## Online Learning Events with Recordings Available

- How Our Power Flows – recording available
- How Small-Scale Technology is Evolving – recording available
- Why Nuclear? – recording available
- How Nuclear Power Works – Nov. 23

## Online Engagement Tools

- Online Engagement Hub ([saskpower.com/engage](https://saskpower.com/engage))
- Where Your Power Comes From – Generation dashboard







## Help Us Reimagine How We Power the Province

Engage in the conversations that matter to you most.

### Planning Our Power Future

We're on track to reduce our greenhouse gas (GHG) emissions by at least 50% below 2005 levels by 2030. And now we're working on how to make even deeper cuts to GHG emissions – like achieving a net zero future. There's a wide range of options to get us there and we're considering a few.

Watch the video below to understand our future supply mix:



### Participate in Future Power Planning



#### Share Your Opinions on Powering Saskatchewan

Ask our experts, answer polls or questionnaires, and share your big ideas!

GET STARTED



#### Do You Have a Big Idea?

We want to hear it. Brainstorm ideas for the power grid of tomorrow.

GET STARTED



### Help Reimagine Our Power Future



The world around us is changing, and so are we. We're continuing to evolve our long-term plans outlining how we'll generate cost-effective, reliable power that meets greenhouse gas (GHG) emission targets.

Sound simple? It's not! In Saskatchewan, we have a diverse climate and different needs than other provinces. We know one supply option can't do it all. We need to consider all power supply options.

We have important decisions to make about how we power Saskatchewan and we want to hear from you.

There are many ways to participate:

- [Complete the survey](#)
- [Vote in a quick poll](#)
- [Submit an idea](#) and vote on others
- [Ask a question](#) to our project team

Survey

Ask a Question

Share an Idea

#### Survey

Take a few minutes to complete this short survey.

We want to hear about your values and priorities, your thoughts about your own power usage, and how we can help you participate during the process.

This survey should take approximately 5 to 7 minutes to complete.

Survey starts

Finish

All fields marked with an asterisk (\*) are required.

1. What type of SaskPower customer are you? Select all that apply.

- ☐ Residential
- ☐ Farm
- ☐ Commercial Customer
- ☐ Industrial Customer
- ☐ I am not a SaskPower Customer

2. Where do you live? \*

- ☐ Far North
- ☐ North
- ☐ Saskatoon and area
- ☐ East
- ☐ Regina and area
- ☐ West
- ☐ South
- ☐ Outside Saskatchewan



SAVE & CONTINUE

Page last updated: 09 Sep 2022, 07:42 PM

#### Quick Polls



#### How quickly should we be transitioning to low and net-zero emissions power generation sources?

- ☐ As quickly as possible, even if it costs more to get it done
- ☐ Balance speed and cost of transitioning
- ☐ Limit costs and go only as quickly as required by regulations

View Results

SUBMIT

Next

#### Videos



#### Project Stages

- Getting to Know You  
September 2022
- Setting the Stage  
October 2022 to January 2023
- Future Power Supply Scenario Exploration  
March 2023
- Draft Long-term Plan  
June 2023
- Final Report Released  
Winter 2024

#### Who's Listening

Lara L.  
Manager, Public Engagement & Stakeholder Consultation



Narvise S.  
Manager, Supply Planning



#### Questions or Comments?

publicengagement@saskpower.com  
1-855-986-1928 (toll free)

#### Stay Informed

Receive email updates about planning our power future.

SUBSCRIBE

**THANK-YOU!**

[saskpower.com/engage](https://saskpower.com/engage)