

FUTURE SUPPLY PLAN 2030 AND BEYOND



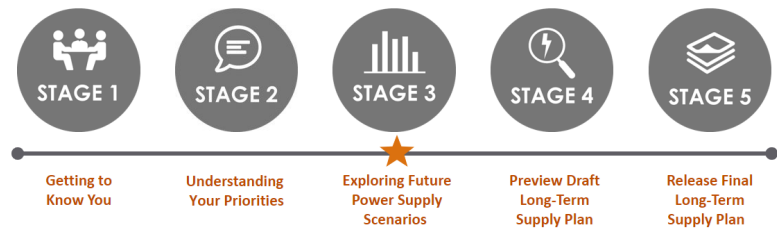
September 2023 – January 2024

EXPLORING FUTURE POWER SUPPLY SCENARIOS – STAGE 3 SUMMARY

WHAT WE DID

In 2022, we started talking to Saskatchewan people about how the province is powered. That's because our power system is changing and we're updating our long-term supply plan.

In Stage 1 and 2, over 15,000 people shared their values, priorities and preferences for power sources. We took this input and developed scenarios to show what our power system could look like in the future. This set in motion Stage 3 of our 5-stage process to develop a long-term supply plan.



In Stage 3, we shared four potential power mix scenarios and continued to provide learning opportunities about supply planning. These scenarios explored timelines to reduce greenhouse gas emissions, supply mix options, impacts on power rates, land use, roles for imported power and more. Participants were invited to ask questions and provide feedback on scenario strengths and possible areas of improvement. This feedback informed key recommendations in our draft Long-Term Supply Plan.

We actively promoted opportunities to get involved in Stage 3 and over 25,000 people participated. We encouraged participants to check out our future supply planning resources to see where we've been and what we've learned from the public to get here. We offered four ways to take part in Stage 3.

Future Supply: Immersion Workshops. These were intended for individuals seeking a more thorough understanding. This two-part workshop offered an in-depth perspective with a panel of internal experts as well as opportunities for feedback.

Future Supply: Essentials Workshops. These two-hour in-person and online workshops were intended for individuals wanting to learn about supply planning, share concerns and ideas, and provide feedback on scenarios.

Future Supply: Discovery Kits. These kits were designed for individuals or groups who wanted to explore potential pathways to net-zero on their own time frame.

Future Supply: Survey. For those with a few minutes to participate, we provided this collection tool to take feedback.

From Sept. 2023 to Jan. 2024 we had:

- 25,212 completed surveys
- 475 discovery kits requested
- 288 people from six communities attend an in-person session
- 324 people attend an online session
- 10,400 visits to saskpower.com/engage
- 55 questions answered and 5 ideas submitted
- 619 attended a “Power Talks” education session
- 275 booth interactions at malls in three cities

WHAT WE HEARD

Ensuring affordability, now and into the future, was the top priority for most participants. Specific concerns revolved around the potential effect on low-income customers and users of electric heat. Participants supported energy efficiency actions and demand side management programs to aid in reducing consumption and supporting affordability.

Reliability emerged as another priority, with participants concerned about the ability of the grid to support the future demands of electrification. Most participants recognized the transition to net-zero greenhouse gas emissions is important. However, there are concerns about potential negative impacts during the transition. There are competing priorities when trying to accomplish goals for affordability, reliability and emissions reduction at the same time.

Assessing priorities is challenging without considering specific power generation scenarios. In discussions, participants often advocated for power generation methods they believed in. Where our power is generated was also important, with many supporting power being generated in the province. Many participants supported more use of renewable power while some expressed concerns about reliability. While opinions on nuclear power remain divided, many participants want to see SaskPower explore nuclear power as an option. Participants supported imported power used for specific purposes, such as to improve reliability and affordability. Participants want more opportunities to learn about future power technology.

WHAT'S NEXT

In Stage 4, we'll gather feedback on the draft Long-Term Supply Plan to assess its alignment with key priorities and pinpoint any gaps. Additionally, we'll continue to provide information on future supply planning, with a specific focus on the potential role of efficiency programs and new technologies in managing power affordability. We'll conclude the process in Stage 5, with the release of the final Long-Term Supply Plan.