Dave Bowen: Good day. Thank you everyone for joining us for the session today. My name's Dave Bowen. I'm the Director for the Integrated Resource Planning Division at Manitoba Hydro. Today we're going to be discussing the Integrated Resource Plan (IRP), preliminary outcomes. Before we get to the agenda, I'd like to do a land acknowledgement. Manitoba Hydro has a presence right across our province on treaties one, two, three, four, and five lands, the original territories of the Anishinaabe, Cree, Anishininew, Dakota and Dene peoples and homeland of the Red River Metis. We acknowledge these lands and pay our respects to the ancestors of these territories. The legacy of the past remains a strong influence on Manitoba Hydro's relationships with Indigenous communities today, and we remain committed to establishing and maintaining strong mutually and beneficial relationships with Indigenous communities.

I would like to welcome everyone here today and thank you in advance, again, for taking time to be part of our discussion. Since our last meeting in December, we've been working to complete the modelling analysis phase. This includes completing numerous sensitivities that were identified through your comments and feedback in the previous round of engagement. The purpose of today's session is to present preliminary outcomes of the 2023 IRP, which includes updated modelling analysis and initial draft of the road map, including draft near term actions for the next two to five years.

Recently, we shared a document summarizing the IRPs completed modelling analysis. This was shared in advance so you could have the opportunity to review, as it contains a lot of results. This was also shared because we will be speaking today to a selection of these results and inform the road map discussion, focusing on changes since we last met. While we will not be reviewing all the content from the handout during today's session, we do welcome questions you may have. There's two key points I'd like to emphasize today, which the first one is that the IRP results are directional in nature.

There is significant work after this Integrated Resource Plan. We will be discussing today the near-term actions or next steps required to create a future development plan. The second point is I'd also like to point out that our model solves for the lowest cost. Implicit in this is that it's safe and reliable power. Therefore, the results that you'll see today show the lowest cost resource, but not the next closest resource. The sensitivities are used to help us understand what would need to be different to change the results. Our team today is represented here by my colleagues, Lindsay Melvin, Manager for the Integrated Resource Planning, Policy and Coordination Department. Lindsay Hunter, the Project Manager for the IRP project. And Blair Mukanik, leading the technical collaboration.

This IRP is helping us understand the opportunities and challenges of the energy transition. The dialogue we are having is enriching our collective understanding, which is building the foundation for the many solutions in the future. It's only possible by you taking time with us. We wanted to take a moment to share our appreciation for your contributions throughout this planning process. All of us greatly appreciate the time and energy you've contributed throughout the last 18 months of engagement to support the development of Manitoba Hydro's first integrated resource plan.

Your feedback is helping us to ensure that our planning reflects our customer's evolving needs, and represents a broad range of potential futures. We appreciate the opportunity to consider your unique perspectives and the opportunity for dialogue. We also feel these sessions have allowed everyone to share and hear one another's perspectives related to energy planning for the future. Each conversation we've had has built on the previous conversation, and we're now at the point where this is all being worked into our draft road map, which includes the near term actions.

As you've seen before, the IRP process is represented by five key steps. First, we started by defining and contextualizing the key inputs that could have the greatest impact on future energy needs. Next, these inputs then frame the development of the scenarios. Scenarios are the combination of inputs that resulted in a specific energy feature. The modelling analysis step uses the scenarios to look at the energy demand over time and assesses potential supply alternatives and infrastructure impacts. From the modelling analysis, a road map for the potential features can be developed. And the last step, the road map identifies near term actions that may be required to prepare for the range of features identified.

Conversations with our customers and interested parties have played an integral role throughout the development of the IRP. These conversations compliment the IRP development process as each round of engagement is aligned with the IRP development milestones. Round one was a customer survey in the fall of 2021 to initiate the conversation to understand customer needs and preferences now and into the future. Round two engagement was in the spring of 2022 and sought feedback on the key inputs and scenarios. In round three, in fall of 2022. We reviewed initial modelling and analysis results and requested feedback on potential additional sensitivity analysis. That brings us to where we are today, sharing the IRP preliminary outcomes ahead of the publication of the final IRP report in the summer of 2023. Let's take a quick look at how the dialogue from Round three informed development of the IRP.

In December of this past year, we shared the IRP's initial modelling analysis results and sought feedback for additional sensitivities that may be needed. This round of engagement, continued the conversation through several workshops and email updates to our newsletter subscribers. In a sensitivity analysis or what if analysis, we change an assumption or input in a scenario to understand how it might affect the results. This slide shows a summary of some of the potential additional sensitivities we heard that were important to consider. Some suggestions have been incorporated into the modelling process for this IRP and others have been documented to consider in future IRPs. The Round three, what we heard information is available on our website for more information about what was heard and how it was incorporated. Today, we are going to share how some of these suggestions have been incorporated. I'll now pass it over to Blair Mukanik to share these results.