

#### What's an Independent Power Producer (IPP)?

We talk about IPPs a lot. An IPP is a company separate from SaskPower that we select to develop, construct, own, operate and maintain wind or solar power generation facilities. The IPP sells the power to SaskPower.

## Why do we use IPPs?

SaskPower is committed to achieving a net-zero greenhouse gas (GHG) emissions power system by 2050 or earlier. To achieve this, we are making major investments in generation such as wind and solar power.

We know many companies have experience building and operating wind and solar facilities. When we partner with these companies, we're able to use their expertise and secure a better price for our customers.

### How are IPPs selected?

We typically select IPPs for specific projects through a competitive procurement process. We post these opportunities on **SaskTenders.ca** and **Merx.com**.

We pick the proposal that best meets the requirements of the project. The successful IPP must then sign a Power Purchase Agreement (PPA) to complete the process.

## How can a municipality be involved in the IPP process?

Community engagement is important to SaskPower. As part of the procurement process, we ask every IPP to explain how they will engage with communities. We measure the strength of each proponent's community engagement strategy based on:

- how they'll share project information with Rightsholders, municipal authorities and other key stakeholders
- how they'll proactively ask for feedback
- how they'll work with communities to acknowledge concerns and reduce impacts

# HOW WE WORK WITH INDEPENDENT POWER PRODUCERS

### What's in the PPA?

Each Power Purchase Agreement (PPA) between the IPP and SaskPower includes:

- a commitment from the IPP that they'll plan, develop, finance, construct, own, operate, maintain and decommission the facility, and remediate the site following SaskPower's requirements and all local, provincial and federal laws.
- a fixed purchase price that ensures we are getting power at a cost-effective price.
- requirements on how the facility is designed and operated to maintain the safety and reliability of the SaskPower grid.
- Indigenous ownership and participation requirements for the IPP. This provides more opportunity for Indigenous participation in generating power and supports SaskPower's commitment to economic reconciliation.

# How sustainable is a wind and solar power grid?

There's no one source that can meet all our province's power needs. It will take a combination of sources to provide reliable, sustainable, costeffective power into the future. That's why it's important that we keep a diverse mix of generation options, including baseload, intermittent, and peaking generation options.

Renewables will help us meet GHG emissions standards and provide a cost-effective generation option. But wind and solar are intermittent sources, so when the sun doesn't shine or the wind doesn't blow, we must rely on other options.

## **Planning Toward 2035**

SaskPower plans to add up to 3,000 megawatts (MW) of solar and wind generation to the power system by 2035. This includes the following active projects:



**200 MW Bekevar Wind Facility** near Moose Mountain Provincial Park – under construction



**100 MW lyuhana Solar Facility** near Estevan – in pre-construction



Two **200 MW wind projects** in south central Saskatchewan – in market



Two **100 MW solar projects** in south central Saskatchewan – in market

We'll announce more projects as we plan for the future.