

# COAL LIFE EXTENSION



## COAL: A BRIDGE TO NUCLEAR

### OVERVIEW

SaskPower is planning to continue operating about 1,500 megawatts (MW) of coal-fired power generation beyond 2030. This will help meet Saskatchewan's power needs as we prepare for nuclear power in the future.

### QUICK FACTS

Number of coal power stations: Three

- Boundary Dam, Poplar River, and Shand Power Stations

Total generating capacity: 1,528 MW

Combined years of coal operation: 146

- Boundary Dam – opened in 1959
- Poplar River – opened in 1981
- Shand – opened in 1992

## WHY KEEP OPERATING COAL?

Coal power stations produce a consistent and reliable supply of baseload power. They can run at any time of day and in any season.

**About 23% of the power in our province currently comes from coal.**

Saskatchewan is a large province with a wide range of weather and power needs. No single power source can meet all those needs on its own. That's why we rely on a mix of power sources, such as coal, hydro, natural gas, wind, solar, battery storage, and in the future, nuclear. Using a mix helps keep power reliable and affordable now and into the future.

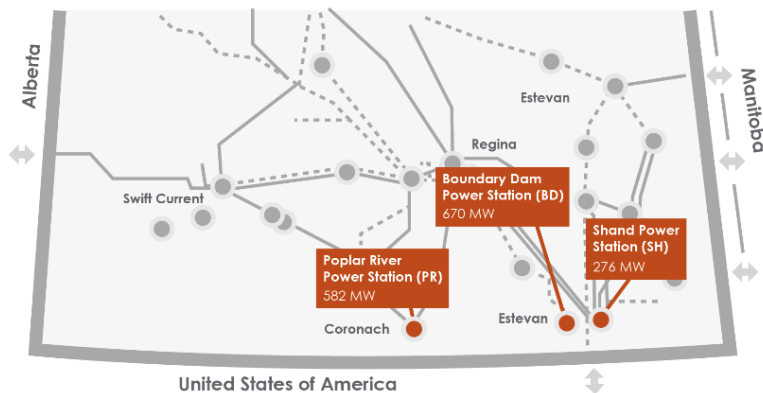
In October 2025, the Government of Saskatchewan released the Energy Security Strategy and Supply Plan. It supports using an all-of-the-above approach to power supply options.

## OUR PROGRESS SO FAR

We're taking a staged approach to extend the lives of seven units at our three coal facilities. The first step in our process is to assess the condition of all seven units and the common systems that support them. This work began in 2025.

Once our assessments are complete, we'll better understand the overall costs and timelines to life-extend each unit. Right now, we expect work to take about five years for each unit. That includes planning, engineering and construction.

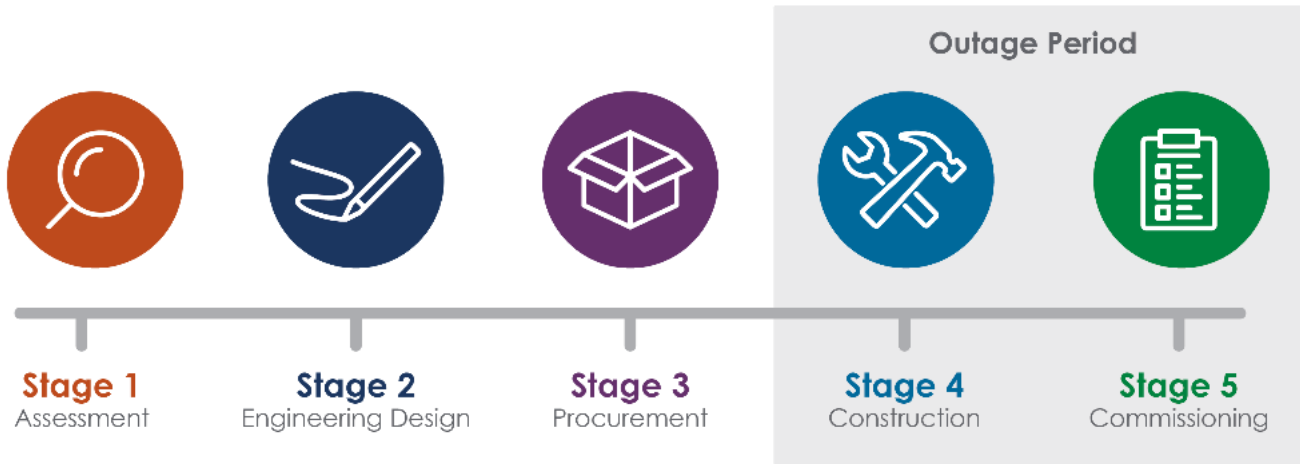
We expect all units to be operating by 2036.



# WHAT'S NEXT?

## THE LIFE-EXTENSION PROCESS

Each units' work will follow five key stages.



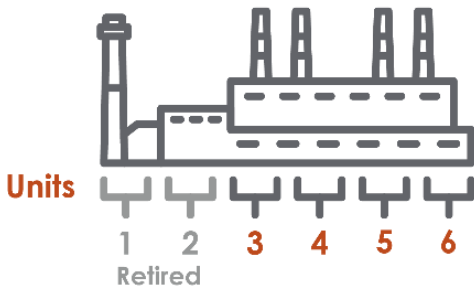
We're currently at Stage 1 and expect to complete all unit assessments by mid-2027. At this stage, we assess the remaining operating life of each asset and determine the necessary actions to ensure continued safe and reliable operation for years to come. This review includes all major systems and equipment:

- Turbines, Generators, Boilers and steam systems
- Electrical equipment and controls
- Common Systems (Ash Handling, Coal-handling, Water Treatment, Ash Lagoons)

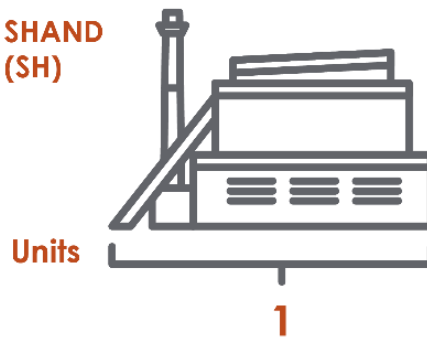
Where needed, we'll replace old equipment and install new components.

Our current timelines to finish life extension work at each power station are show below.

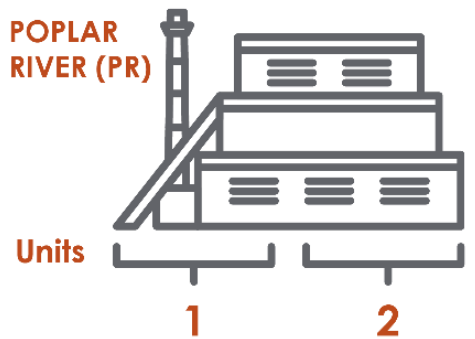
### BOUNDARY DAM (BD)



### SHAND (SH)



### POPLAR RIVER (PR)



### Unit Life Extension Complete

BD 6/Common Systems	BD 3	BD 5	BD 4
2030	2034	2035	2036

SH 1/Common Systems
2032

PR 2/Common Systems	PR 1
2031	2033