

SaskPower Record Infrastructure Sustainment Plan

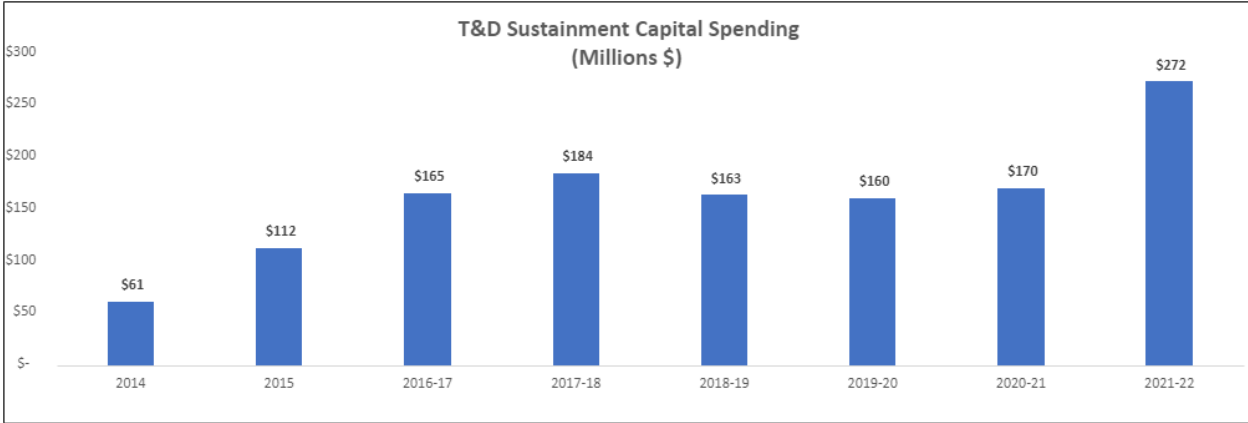
SaskPower will invest a record \$272M during the 2021-22 fiscal year to replace and improve its aging transmission and distribution infrastructure.

In order to make this investment possible, government has approved a \$50M capital stimulus grant to SaskPower to support system reliability.

Work to be Completed by the End of Fiscal 2021-2022

- Transmission Line and Station Refurbishment and Upgrades \$97M
- Rural Rebuild Projects (approx. 700km of line) \$35M
 - This program will upgrade lines and move from fields to road allowances
- Wood pole replacements (approx. 8500 poles) \$26M
- Urban Upgrades/Replacements \$20M
- Underground cable replacements and upgrades \$20M
- Other projects \$17M
- Apparatus Replacement \$17M
- Upgrades to protection and equipment to improve reliability \$10M
 - Help minimize outage impacts
- Rural Three-Phase Projects \$10M
- Farm and rural residential smart meters (20,000) \$10M
 - Automatic notification of outages and monthly actual meter reads.
- Additional LED streetlights in towns and villages \$10M
- Advancing the 138kv Transmission Line in the Meadow Lake area
 - Improves reliability in the northwest part of the province

A significant portion of SaskPower’s overhead and underground rural infrastructure comes to the end of its life every year and requires renewal or replacement to continue to provide reliable service to customers. This record investment, which is a 62% increase over the five-year average spend, will help add to the reliability of SaskPower’s electrical system.



Residential Smart Meters will be deployed throughout Saskatchewan in 2021. Benefits will include actual meter reads and automatic outage notification.

Replacements to LED streetlights will take place in more than 50 communities across the Province.

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Communities and Regions to Benefit from the Investment

Work will take place across the province in many different communities and rural areas, however, of note are the following regions, which over the past five years have been most significantly impacted by the frequency and duration of outages.

Lumsden/Odessa Area - Work will include upgrades to protection and equipment to improve reliability, wood pole replacement, and upgrading lines while moving them from fields to road allowances.

North Battleford Rural Area - Work will include upgrades to protection and equipment to improve reliability, wood pole replacement, and upgrading lines while moving them from fields to road allowances and cable replacement.

Meadow Lake/Buffalo Narrows Area – Though recent transmission and substation upgrades have taken place, this region continues to be in the top five of worst performing distribution lines. Work will include upgrades to protection and equipment to improve reliability, as well as pole replacements and rebuilds of rural lines. The construction of a second 138kv transmission line into the Meadow Lake area will be advanced, and will provide additional reliability for the area.

Melville/Yorkton Area – Work will include upgrades to protection and equipment to improve reliability, wood pole replacement, and upgrading lines while moving them from fields to road allowances.

Prince Albert Rural Area – Work will include wood pole replacements, upgraded lines, and upgrades to protection and equipment which will improve reliability.

Regina Area – Work to be completed includes updates to protection and equipment to improve reliability, underground cable replacements and upgrades, and wildlife protection on equipment.

Rosetown/Elrose/Beechy Area - Work will include upgrades to protection and equipment to improve reliability, wood pole replacement, and upgrading lines while moving them from fields to road allowances and cable replacement.