

Physical Infrastructure



Solar Stewardship: SaskEnergy Expands Its Energy Mix with Purpose



SaskEnergy is committed to creating a more adaptable and reliable provincial energy system while practising responsible emissions stewardship. Guided by the corporation's roadmap to lower operational emissions by 35 per cent from 2019 levels by 2030, SaskEnergy continues to implement renewable electricity options across its system.

Solar power has already been integrated at approximately 500 smaller sites, including pressure-reduction and compressor stations, and the number of locations continues to expand each year. These improvements complement Saskatchewan's broader energy mix and reflect steady progress toward more efficient operations across SaskEnergy facilities.

Progress accelerated in 2022-23 when SaskEnergy completed its first large-scale solar power project at the town border station in south Regina. The installation of 176 solar panels, capable of generating nearly 80,000 watts, now powers the station's lighting, electric heat and key equipment, and any surplus electricity is fed back into the provincial grid through a net metering agreement.

Expansion has continued with the installation of seven additional ground-mounted solar arrays in Regina, Asquith, Rosetown, Success, Swift Current, Moosomin and Saskatoon, adding even more renewable electricity to SaskEnergy operations. Upgrades to high-efficiency LED lighting across facilities further support energy savings and improved emissions stewardship.

Why It Matters

SaskEnergy's growing use of solar power and energy-efficient technologies strengthens emissions stewardship and supports the organization's goal of lowering operational emissions by 35 per cent from 2019 levels by 2030. These efforts also show how practical, incremental improvements made across many sites can add up to meaningful results and help create a more resilient and reliable energy system for Saskatchewan.

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