



# Xcel Interconnection

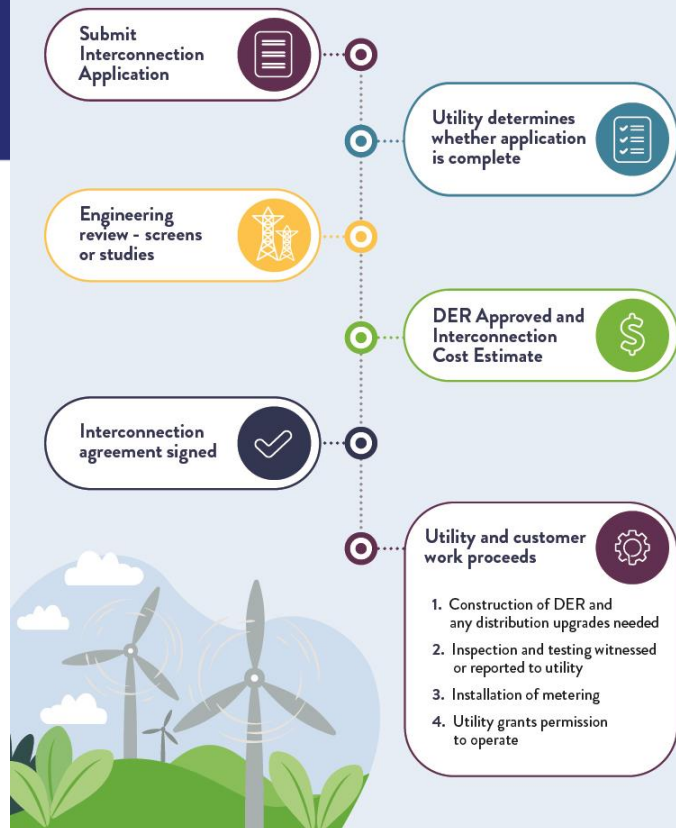
April 15, 2026

Environmental Quality Commission

# What is interconnection?

- Regulatory process that allows a generation system (i.e. solar) to connect to the utility grid
- If one receives power from Xcel, the customer must go through an interconnection agreement

## MINNESOTA DISTRIBUTED ENERGY RESOURCE INTERCONNECTION PROCESS (MN DIP)



# Interconnection Steps



## Check Xcel's Hosting capacity map

- Hosting capacity: Amount of distributed energy resource generation that a specific substation can accommodate without requiring upgrades

## Look at DER Queue

- Application by Substation
- Application by Feeder
- By known capacity constraints

# Demo of Process



# Public Utility Commission

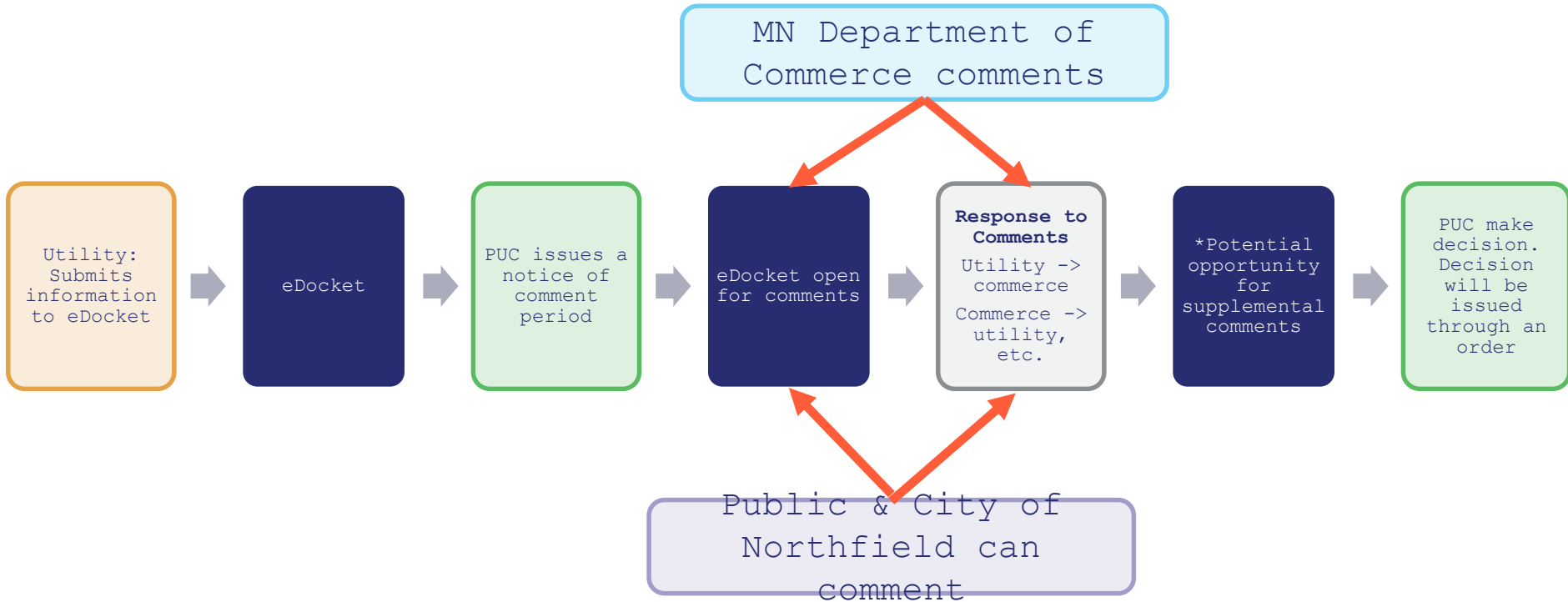


Purpose: Regulate investor-owned utilities like Xcel

Approves:

- New rates
- Sets interconnection rules
- Reviews integrated resources plans (IRP) & distributed energy resource planning (DERs)

# Systems Map



# What the City is tracking



- eDocket [23-458](#): Allocating 1.2 million from the Renewable Development Account to update feeders, including the Northfield
  - MN Department of Commerce to respond by Summer 2026
- eDocket [24-288](#): Developing standards for sharing the cost of distribution system upgrades required for the interconnection of distributed energy resources
  - Effects Xcel Energy, Minnesota Power and Otter Tail Power
  - PUC decision should be issued through an order soon

# What the City is tracking



- Xcel's Integrated Distributed Plan: Likely will include a plan for Distributed Energy Resource Management Systems
- Flexible Interconnection: Discussion in Summer of 2026 – potential pilot in 2027
  - Temporary curtailment of generation during times of grid constraint

# How to get involved



- Subscribe to [PUC e-newsletter](#)
  - Subscribe to specific e-dockets
- Submit written comments in open dockets
  - Review [Tips for Preparing an effective comment](#)
- Attend public hearings or stakeholder workshops

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