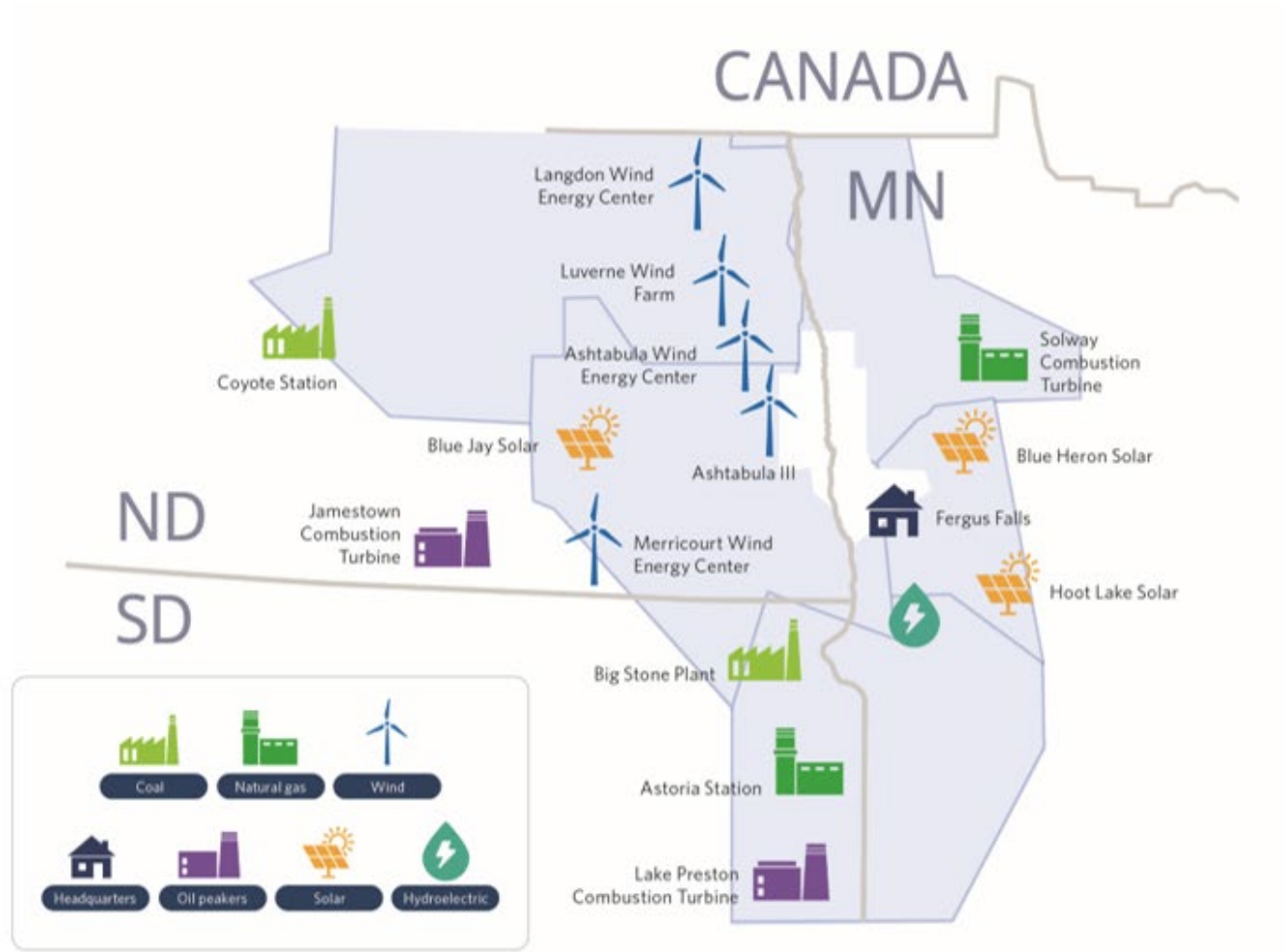




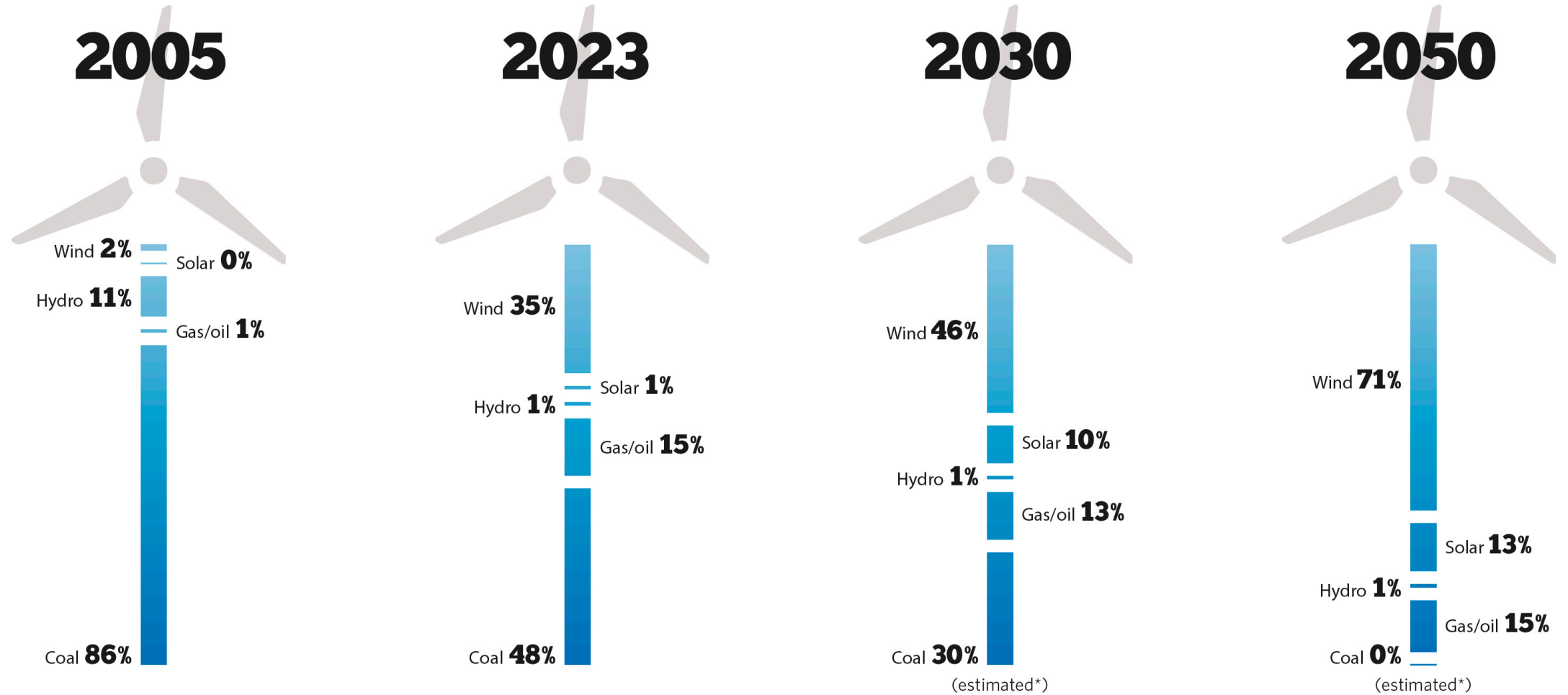
SOLWAY SOLAR



WHO WE SERVE



OUR ENERGY GENERATION MIX



SOLWAY SOLAR BACKGROUND



- Otter Tail Power currently owns and operates an approximately 48 MW combustion turbine north of Solway, MN
- MISO's Interconnection Queue can be problematic for projects to become energized in a cost-effective and timely manner
- By utilizing the existing interconnect (via a MISO surplus application) and land already owned by Otter Tail Power, Solway Solar is an excellent opportunity to provide a low cost, carbon-free resource for Minnesota's customers

SOLWAY SOLAR NEED



- Per the July 22, 2024 Commission order in docket E-017/RP-21-339, Otter Tail must pursue *“No less than 200 MWs and up to 300 MWs of solar resources with a commercial operation date of November 1, 2027, or as soon as practicable thereafter”*
- Solway provides a low-cost, surplus interconnection opportunity through MISO that adheres to this timeline.

ABOUT SOLWAY SOLAR



Proposed up to
66-megawatt (MW)
solar generation facility



Approximately
100,000
solar panels



Will generate enough
electricity to power about
9,000 homes annually



POWERING THE FUTURE

We selected this location because it offers an opportunity to add solar generation to meet Minnesota's Carbon Free Standard while using an existing transmission interconnection to help keep costs as low as possible.

Project benefits:



Increased electric reliability and resiliency



No fuel costs, resulting in savings that are passed along to customers



Access to low-cost, renewable energy



Help offset other high-cost generation during peak energy-use periods

ECONOMIC BENEFITS

70 jobs
expected to be
created
during peak
construction

4.2 million

estimated to be generated in production tax
over the life of the facility

80%

of tax revenue will go
to Beltrami County

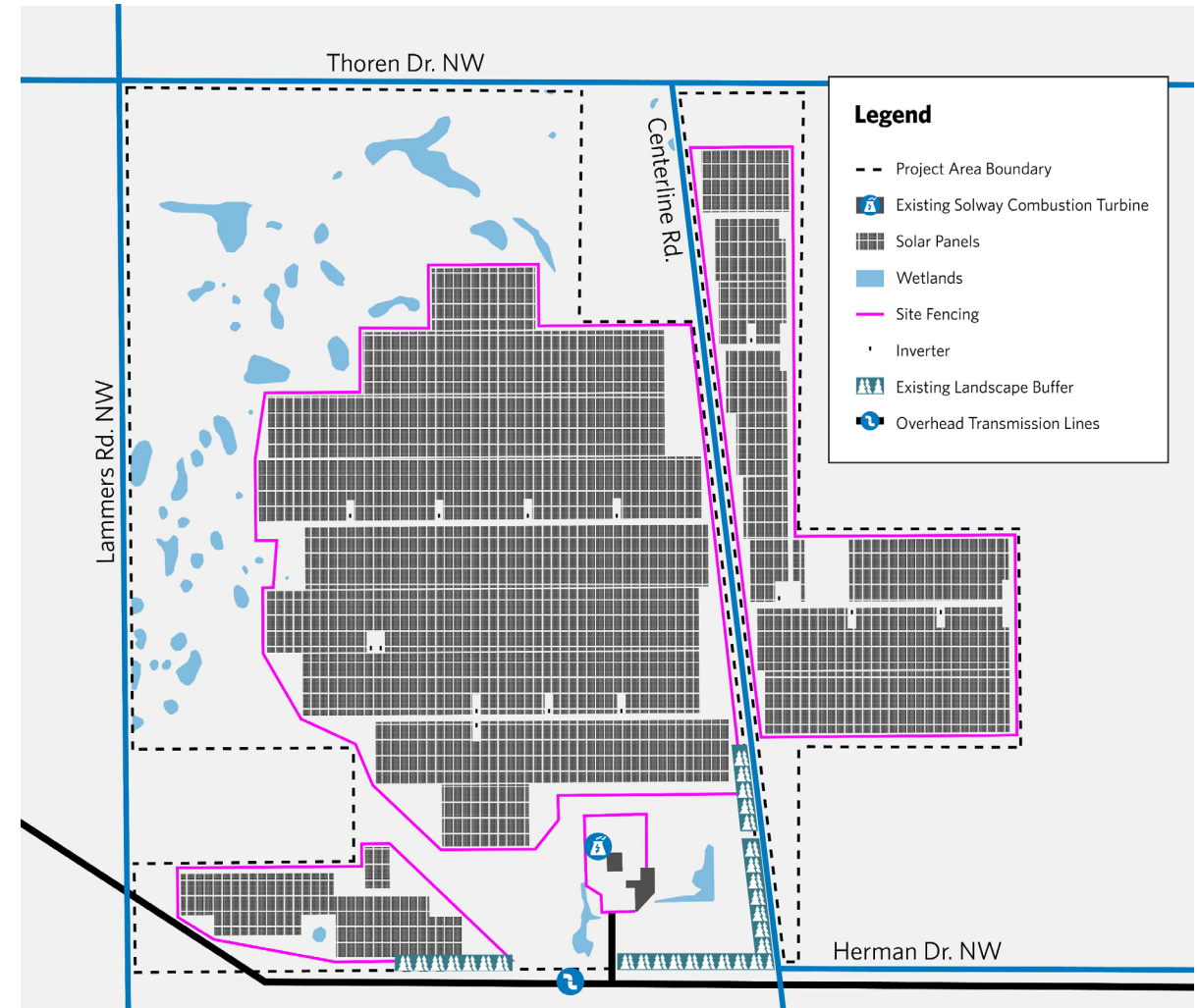
20%

of tax revenue will go
to Lammers Township

PRELIMINARY DESIGN

Single axis tracking system in north-to-south orientation

- 100,000 panels rotate from east to west to maximize efficiency
- 15 inverters
- Panel layout avoids impacts to wetlands
- Project interconnects with existing transmission line



TIMELINE





otpc.com
otpsustainability.com