About the Project

Minnesota Power is modernizing its 465-mile HVDC transmission line that connects the plains of North Dakota to Northeastern Minnesota. This existing transmission corridor has been serving the Upper Midwest for over 40 years and **Minnesota Power is using this unique opportunity to:**

- Upgrade the existing line capacity by 40%.
- Create a larger transmission highway that will immediately enable the transfer of more energy between North Dakota and Minnesota.
- Utilize the latest HVDC technology to increase the reliability of the grid in both Minnesota and North Dakota.

**With an anticipated 2027 in-service, Phase 1 of this visionary $700 million dollar project will:**

- Position it for further expansion with expandable, modular technology.
- Establish the transmission corridor as an essential building block for reliably moving energy across the Upper Midwest.
- Create new construction jobs and additional long-term tax base in North Dakota and Minnesota.

Project Benefits | Once complete, this modern transmission highway will:

- **Augment reliability** and system stability in largely rural North Dakota and Minnesota
- **Increase access** to additional clean energy transfer with limited land impact
- **Optimize energy resources** in North Dakota and Minnesota with bidirectional power flow across the line

- **Be expandable,** for efficiently developing up to a 3,000 megawatt corridor to further optimize regional energy flows
- **Align with MISO, FERC and Department of Energy** goals for regional transmission expansion

Project Attributes

- Grid Strengthening
- Modern Technology
- Expandable Design
- Utilizes Existing Infrastructure
- Bidirectional Power Flow

Timeline

<table>
<thead>
<tr>
<th>Planning</th>
<th>Regulatory Approval</th>
<th>Design &amp; Permitting</th>
<th>Construction &amp; Commissioning</th>
<th>In-Service</th>
</tr>
</thead>
<tbody>
<tr>
<td>2022</td>
<td>2023</td>
<td>2024</td>
<td>2025</td>
<td>2026</td>
</tr>
</tbody>
</table>