

Focus Area	Examples of Planned Activities
Overhead System Resiliency and Modernization	<ul style="list-style-type: none"> <li>• Upgrade (replace or reinforce) poles to meet more resilient standards;</li> <li>• Install enhanced lightning protection at various locations along the distribution system;</li> <li>• Replace wooden crossarms with fiberglass crossarms;</li> <li>• Upgrade power lines, with an emphasis on lines susceptible to weather damage;</li> <li>• Replace transformers nearing capacity; and</li> <li>• Replace equipment vulnerable to extreme weather conditions with modern, more resilient units.</li> </ul>
Underground System Resiliency and Modernization	<ul style="list-style-type: none"> <li>• Rehabilitate or replace legacy design cable;</li> <li>• Conduct condition assessments of cable that serves large amounts of customers (and upgrading as needed);</li> <li>• Replace equipment vulnerable to extreme weather conditions with modern, more resilient units; and</li> <li>• Replace manual switchgears with remote-operated switchgears.</li> </ul>
Continued Optimization of Distribution Automation	<ul style="list-style-type: none"> <li>• Install additional automated devices to enhance distribution automation (DA), which can help detect faults, automatically restore power, and reroute power in the event of an outage so fewer customers are affected;</li> <li>• Replace legacy circuit breakers with modern units; and</li> <li>• Upgrade or add substation transformers to enhance capacity.</li> </ul>
Expanded Vegetation Management ("VM+")	<ul style="list-style-type: none"> <li>• More than double our vegetation management (tree trimming) activities by adding 20,000 miles of non-mainline powerlines to our proactive VM schedule over the course of the SRP; and</li> <li>• Use remote sensing technology such as LiDAR and satellite imagery to better identify needs and assess and plan related VM work.</li> </ul>
Enhanced Wildfire Mitigation	<ul style="list-style-type: none"> <li>• Implement a state-of-the-art wildfire risk modeling platform that, among other things, will: <ul style="list-style-type: none"> <li>○ More precisely identify areas of significant wildfire risk based on land risk (burn probability and fire behavior index), potential consequences (population, building and acreage exposure), and Oncor asset ignition probability.</li> <li>○ Alert Oncor of infrastructure that poses a wildfire risk so Oncor can then proactively address the risk;</li> <li>○ Enhance Oncor's forecasting of fire-weather conditions; and</li> <li>○ Simulate the spread of an active wildfire to support response.</li> </ul> </li> <li>• Wrap wooden poles in high-risk areas with fire-retardant material;</li> <li>• Clear ground around poles in areas of high wildfire risk to reduce the probability of asset-caused ignition;</li> <li>• Establish defensible space around critical facilities such as substations and telecommunication towers;</li> <li>• Deploy fire-safe devices such as electronic fuses in the place of expulsion type fuses, which are an ignition risk; and</li> <li>• Rebuild wood-structure substations with current-standard steel structures.</li> </ul>
Improved Physical Security & Enhanced Cybersecurity Risk Mitigation	<ul style="list-style-type: none"> <li>• Implement various new and expanded measures to further protect our assets from physical and cyber security threats.</li> <li>• Due to the sensitive nature of our efforts to protect and maintain our electric grid, we generally do not publish specific security measures.</li> </ul>