Project Name	Location (City/ County)	Description	Estimated (or Actual) Start Date	Estimated Completion Date	Estimated Project Cost
		damage from flooding.			

XIV. Detailed Summary of the Company's Progress in Implementing the Plan

Section	Progress During 2023
I. Construction standards, policies, procedures, and practices	• All distribution, substation, and transmission construction standards, planning design criteria, facility design criteria, system protection practices, and maintenance practices were followed.
II. Vegetation management	• Vegetation management will be reported pursuant to 16 TAC § 25.96.
III. Smart Grid	• 132 new intelligent grid switching devices were installed in 2023. • DSCADA has the capability to remotely control approximately 1,703 distribution switching devices (335 legacy devices and 1,368 IGSD devices).
IV. Post storm damage assessment of distribution and transmission systems	• Contracts were established with multiple damage assessment contractors to identify distribution damage after a major storm. • Procedures for transmission damage assessment were established.
V. Transmission and distribution pole construction standards, pole attachment policies, and pole testing schedule	• All pole construction standards were followed. • All Federal Communications Commission and Company attachment policies were followed. • 96,242 CenterPoint Houston distribution poles were assessed across 361 circuits
VI. Distribution feeder inspections	• 414 distribution circuits had infrared inspections. • As part of the Root Cause Analysis Program, circuit inspections were performed on the 10% and 300% circuits. • As part of the Hot Fuse Program, inspections were made of laterals that had recurring outages.

Section	Progress During 2023
VII. Transmission, Substation, Distribution and Control Center automation	• Automation was a standard part of transmission, substation and control center operations. • See Section III. Smart Grid above for distribution automation progress. • Construction on the transmission backup control center was completed in December 2015.
VIII. NESC wind loading standards for transmission and distribution	• NESC Rule 250C (Extreme Wind) and 250D (Extreme Ice with Concurrent Wind Loading), requirements for transmission, substation, and distribution facilities were followed.
IX. Consideration for NESC Grade B (or equivalent) standards for distribution	• New Freeway crossings utilized underground construction where feasible. In all other situations, concrete pole construction was utilized • Railway crossings were constructed to B grade requirements pursuant to the NESC. • All critical infrastructure was installed on poles composed of a non-wood, engineered material like fiberglass, ductile iron, and/or concrete. • Single phase primary tangent construction when built on class 3 poles meets grade B construction.
X. Damage/outage prediction model for the transmission and distribution system	• The Company has several tools for predicting distribution and transmission system damage and potential flooding in substations.
XI. Use of distribution structures owned by other entities	• As part of the Company's pole inspection program, the contractors inspected all foreign poles in the designated areas. • The foreign poles that merit replacement or bracing were handled at the expense of the other entity.
XII. Restoration of service to priority loads and targeted hardening of infrastructure used to serve priority loads	• All guidelines in the Company's Emergency Operations Plan regarding restoration priorities after a major outage event, including priority customers, were followed.

Section	Progress During 2023
XIII. Other storm hardening plans	• In 2023, CenterPoint Houston also relocated the control cubicle at the Treaschwig Substation to mitigate damage from flooding. CenterPoint Houston also continued activities with elevating the Addicks Transmission Substation control cubicle and equipment terminal boxes. Additionally, CenterPoint Houston also coordinated the efforts to elevate the Greens Bayou 345KV Substation control cubicle and equipment terminal boxes and initiating the efforts for North Belt (35kV) elevated control cubicle. Sharpstown Substation's control cubicle was also elevated in 2023. • Five transmission system hardening projects were completed in 2023 to meet the most recent NESC C2-2017 extreme wind loading requirements. This included the rebuilding and reconductor portion of 138kV Ckt. 60A Brazos River Crossing; rebuilding and reconductor portion of 345 kV Ckts. 18C and 99B; rebuilding and reconductor portion of 138kV Ckt. 80A and 82A; rebuilding and reconductor portion of 138kV Ckt. 21A and 77A; rebuilding and reconductor portion of 345kV Ckt. 18A and 27C. Four transmission system hardening project completed in 2023 to install anti-galloping devices and avoid damage from icing conditions to retrofit a portion of 138kV Ckt. 04F-1 Texas Gulf Cogen-W.Columbia and 138 kV Ckt 60C-1 S. Lane City - Texas Gulf Cogen; retrofit a portion of 138kV Ckt 02K-1 Burke - West Columbia and a portion of 138 kV Ckt. 02B - WA Parish - Nash – Burke; retrofit a portion of 138 kV Ckt. 04C-1 Peterson – Liverpool, 04C-2 Liverpool – Angleton, 138 kV Ckt 04B-1 Hudson-Monsanto, 138 kV Ckt 04A-2 MUSTANG-HUDSON, and 138 kV Ckt 04D-1 Monsanto-Peterson ;retrofit a portion of 138 kV Ckt 09J-1 Zenith – Kluge and a portion of 138 kV Ckt 76A-1 Zenith – Addicks.