

# Industry Capital Expenditures

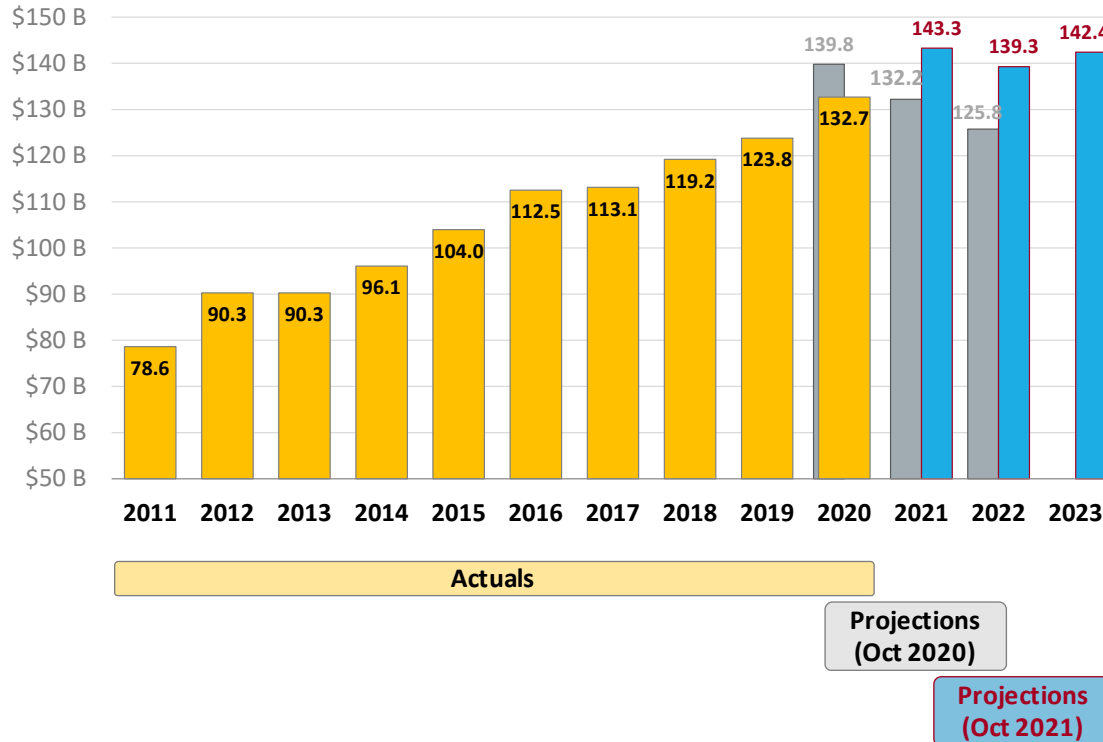


Chart represents total company spending of U.S. Investor-Owned Electric Utilities, consolidated at the parent or appropriate holding company.

Note: At the industry level, CapEx tends to be overestimated for the current, or first, year's projection and underestimated for the two following years. Although the chart indicates investments are trending down in 2022 and 2023 relative to 2021 levels, we expect a continued level of elevated spending after accounting for the historical trend of over- and underestimation.

Source: EEI Finance Department, member company reports, and S&P Global Market Intelligence (updated October 2021).

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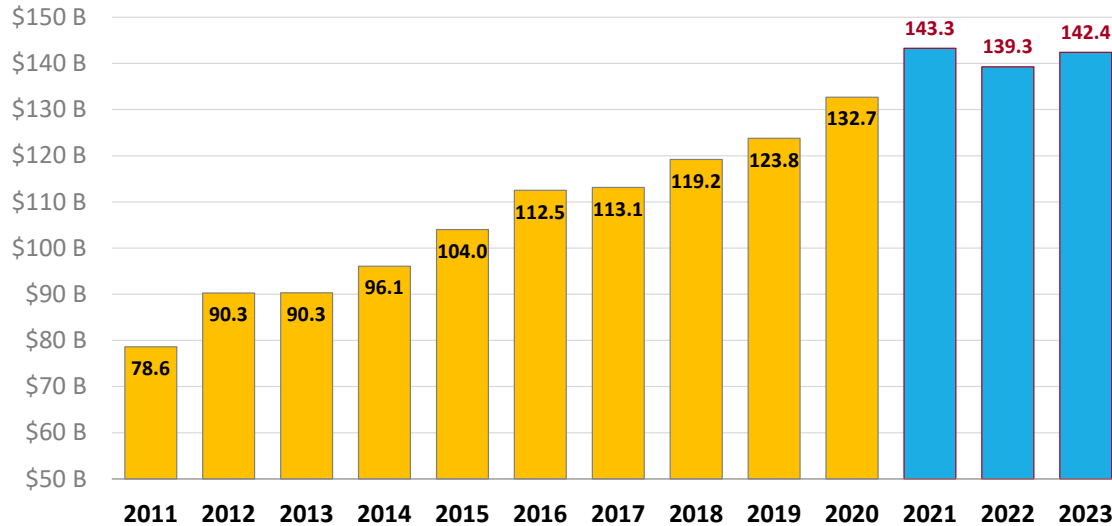


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Actuals

Projections  
(Oct 2021)

# Projected Functional CapEx

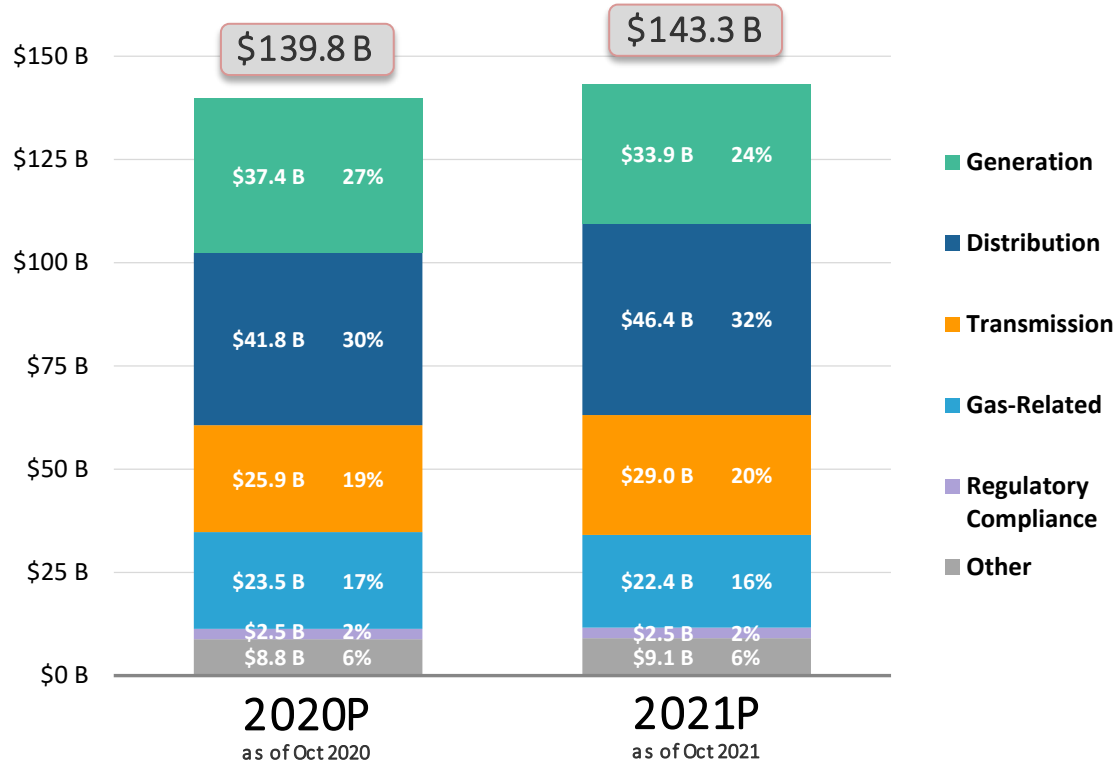


Chart represents total company functional spending of U.S. Investor-Owned Electric Utilities. Individual years may not sum to 100% due to rounding error.

**Note:** Each annual functional projection is compiled during the calendar year for which it is reported and is not revised to align with the actual total that is subsequently compiled after the end of each calendar year. Therefore, the projected total dollar amounts in the functional chart do not align with the actual totals reported on the enclosed industry capital expenditures chart.

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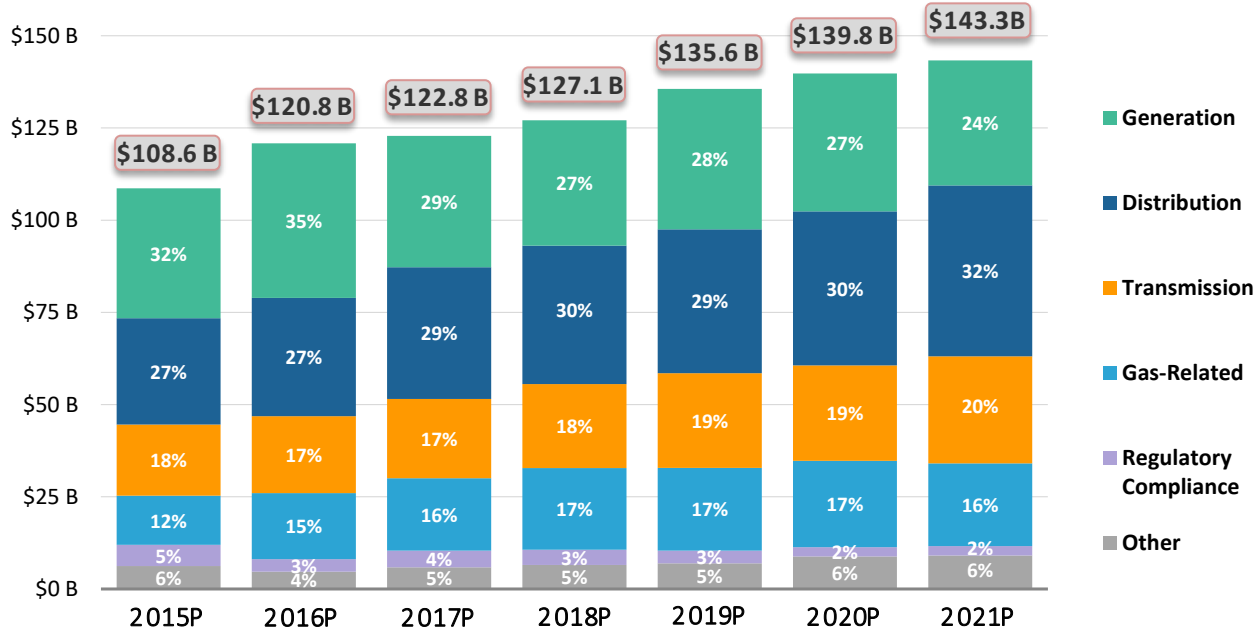


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# Adaptation, Hardening, and Resilience (AHR) CapEx

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- EEI member companies are deploying a significant and growing amount of capital resources on adaptation, hardening, and resilience (AHR) initiatives.
- AHR is increasingly becoming an important way that electric companies fulfill their mission of supplying clean, reliable, and affordable energy to customers.
- Working with EEI member companies and the financial community, EEI developed an AHR taxonomy that aligns with the electric power industry's functional CapEx categories to categorize types of AHR investments (see slide 6).
- EEI has surveyed member companies to quantify industry AHR investment in electric transmission and distribution (T&D) infrastructure (see slide 7).
- Examples of electric T&D AHR investments include:
  - Undergrounding power lines
  - Installing cement poles
  - Elevating or relocating transformers
- While we know a meaningful portion of generation and gas-related investments are also being driven by AHR initiatives, EEI has not surveyed member companies on these segments.

# AHR CapEx Taxonomy

**Current Survey  
Data Covers  
Electric T&D  
Segments Only**

## Transmission

### Hardening and Resilience

*Examples:*

- Elevating or relocating electric transformers in flood prone regions
- Reinforcing existing transmission structures in high-speed wind zones
- Installing higher temperature-rated transformers for extreme heat

### Advanced Transmission Technology

*Examples:*

- Installing sensors on transmission towers and deploying Artificial Intelligence to detect and respond to system threats
- Implementing remote monitoring and control technologies
- Increasing deployment of energy storage systems associated with transmission infrastructure

## Distribution

### Hardening and Resilience

*Examples:*

- Undergrounding distribution lines
- Purchasing equipment for vegetation management
- Replacing wood electric distribution poles with cement and steel

### Advanced Distribution Technology

*Examples:*

- Strengthening distribution networks through investments in Demand Response technologies and real time system management
- Increasing deployment of Advance Metering Infrastructure, microgrids, and energy storage within distribution networks

**More Data  
Coming Soon  
on Generation  
& Gas-Related**

## Generation

### Hardening and Resilience

*Examples:*

- Altering water intakes for generating stations
- Elevating control rooms and pump stations in flood prone regions
- Building and strengthening berms, levees and floodwalls at generating stations

### Advanced Generation Technology

*Examples:*

- Increasing deployment of energy storage at generating stations
- Developing advanced water-cooling technologies at generating stations

## Gas-Related

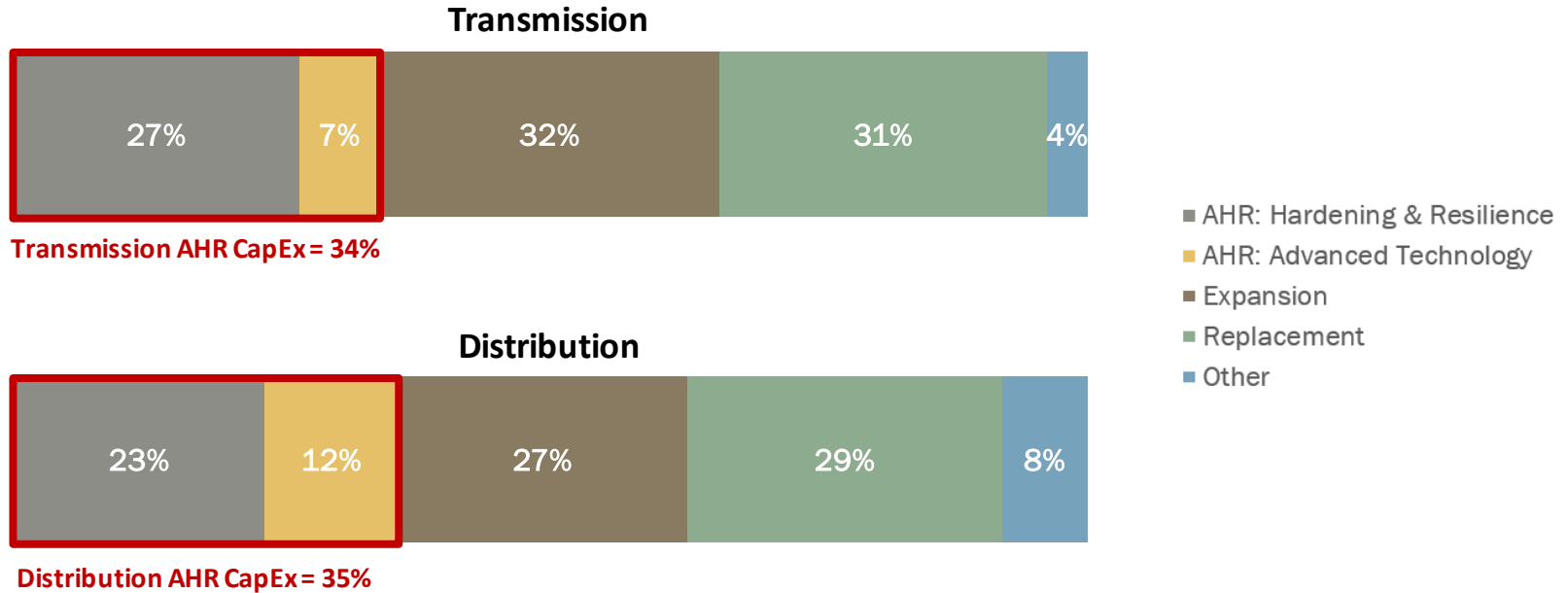
### Hardening and Resilience

*Examples:*

- Replacing obsolete pipelines with more robust and structurally flexible materials

**Note:** gas-related includes investments in pipeline/delivery infrastructure; not gas-fired electric generation

# AHR as a Driver of Electric T&D Investment



Source: EEI Financial Analysis and Business Analytics, EEI member company survey.

# EEI Financial Analysis Resources

## Examples of EEI Financial Public Reports & Data

Items updated quarterly unless otherwise indicated

### Financial Review (annual)

Incorporates the following reports and additional industry material

### Stock Performance

Financial market performance (Price, TSR, etc.) of proprietary EEI member index and equity analyst opinions

### Credit Ratings

Holding company ratings & rating agency activity

### Dividends

Dividend-related actions of EEI members and relevant issues

### Rate Review Summary

Aggregate industry statistics on quarterly rate review data

### Industry Consolidated Financial Statements (annual)

- Income Statement
- Balance Sheet
- Cash Flow Statement

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