

1 **Q. (Reference Capital Plan, Table 9, page 23) Table 9 provides a breakdown of costs by**
 2 **asset class for each of the years 2022 through 2026.**

3
 4 **a) Please provide documentation explaining why each individual project is included**
 5 **in the planned capital expenditures from 2023 to 2026.**

6 **b) Please provide documentation explaining why each individual project that in 2020**
 7 **was originally planned for the 2023 to 2026 timeframe but was removed from the**
 8 **2023 to 2026 planned expenditures now referenced in the 2022 Capital Budget**
 9 **Application.**

10
 11 A. a) The Company's 5-year capital plan is reviewed and updated annually to determine
 12 which capital projects must be prioritized for inclusion in the capital budget
 13 application for the coming year and which expenditures are reasonably anticipated
 14 over the near term.

15
 16 Attachment A provides documentation explaining why each individual capital project
 17 is currently included in the planned capital expenditures from 2023 to 2026.

18
 19 b) The deferral of a capital project to a subsequent year, or the removal of a capital
 20 project from the capital plan, can result from: (i) the Company's annual inspection
 21 and maintenance practices if an asset is found to be in reasonable condition; (ii) the
 22 requirement for an updated condition assessment of an asset; (iii) the requirement for
 23 additional engineering assessments, including assessments of alternatives; or (iv) the
 24 identification of an alternative that requires no capital expenditures.

25
 26 The following projects, or portions of projects, were removed from the 2023 to 2026
 27 forecast in the *2022 Capital Plan* due to the requirement for additional engineering
 28 and condition assessments:

- 29
 30 (i) The refurbishment of distribution feeders HWD-02 and BFS-01 as part of
 31 the *Trunk Feeders* project; and
 32 (ii) The refurbishment of the Seal Cove, Horsechops and Petty Harbour hydro
 33 plants.

34
 35 The following projects, or portions of projects, were removed from the 2023 to 2026
 36 forecast in the *2022 Capital Plan* due to the requirement for additional engineering
 37 assessments and analyses of alternatives:

- 38
 39 (i) The construction of new feeders terminating at Kelligrews and Hardwoods
 40 substations as part of the *Feeder Additions for Load Growth* project;
 41 (ii) Feeder terminations for new feeders at Kelligrews and Hardwoods
 42 substations as part of the *Substation Feeder Termination* project; and
 43 (iii) The construction of a new substation in Galway as part of the *Additions*
 44 *Due to Load Growth* project.

1 The following projects, or portions of projects, were removed from the 2023 to 2026
2 forecast in the *2022 Capital Plan* due to alternatives being identified that require no
3 capital expenditures:

- 4
- 5 (i) The construction of fibre optic cables between Gallant Street, Harmon, and
6 Stephenville Gas Turbine substations as part of the *Fibre Optic Cable Build*
7 project; and
 - 8 (ii) Associated protection and control upgrades at Harmon Substation as part of
9 the *Substation Refurbishment and Modernization* project.

Attachment A
Capital Projects
2023-2026

**Table 1
2022 Capital Plan
Overview of 2023 Projects**

Asset Class	Project	Reason for Inclusion
Distribution	Allowance for Funds Used During Construction (“AFUDC”)	ADUFC is required to execute capital projects during a given year. ¹
Distribution	Distribution Feeder Automation	This project is required as part of Newfoundland Power’s plan to automate its distribution system through the installation of downline reclosers, which provide efficiency and reliability benefits for customers. ²
Distribution	Distribution Reliability Initiative	This project is required to address the poor service reliability experienced by customers on the Company’s worst-performing feeders. ³
Distribution	Extensions	This is an annual capital project required to construct distribution lines to connect new customers to the electrical system. ⁴
Distribution	Feeder Additions for Growth	This project is required to address overload conditions and provides additional capacity to address growth on distribution feeders. ⁵
Distribution	Electric Vehicle (“EV”) Charging Network	This project is required as part of Newfoundland Power’s plan to construct an EV Charging Network to enable the delivery of customer electrification programs over the 2021 to 2025 period. ⁶
Distribution	Meters	This is an annual capital project required to install new meters to serve new customers and replace deteriorated meters for existing customers. ⁷
Distribution	Rebuild Distribution Lines	This is an annual capital project required to replace deteriorated distribution infrastructure as part of Newfoundland Power’s preventative maintenance program for its distribution system. ⁸
Distribution	Reconstruction	This is an annual capital project required to replace deteriorated or damaged distribution structures as part of the Company’s corrective maintenance program for its distribution system. ⁹
Distribution	Relocations for Third Parties	This is an annual capital project required to accommodate 3 rd party requests to relocate or replace distribution lines. ¹⁰

¹ See, for example, Newfoundland Power’s 2022 Capital Budget Application, Schedule B, page 57.
² See Newfoundland Power’s 2020 Capital Budget Application, Report 4.5 Distribution Feeder Automation. For information on the benefits of the Distribution Feeder Automation project, see response to Request for Information CA-NP-038.
³ For information on the Distribution Reliability Initiative, see response to Request for Information CA-NP-035.
⁴ See, for example, Newfoundland Power’s 2022 Capital Budget Application, Schedule B, page 24.
⁵ See, for example, Newfoundland Power’s 2022 Capital Budget Application, Schedule B, page 48.
⁶ See, for example, Newfoundland Power’s 2021 Electrification, Conservation and Demand Management Application.
⁷ See, for example, Newfoundland Power’s 2022 Capital Budget Application, Schedule B, page 26.
⁸ For information on the Rebuild Distribution Lines project, see response to Request for Information CA-NP-033.
⁹ See, for example, Newfoundland Power’s 2022 Capital Budget Application, Schedule B, page 38.
¹⁰ See, for example, Newfoundland Power’s 2022 Capital Budget Application, Schedule B, page 43.

Table 1
2022 Capital Plan
Overview of 2023 Projects

Asset Class	Project	Reason for Inclusion
Distribution	Services	This is an annual capital project required to install new service wires to connect new customers and replace deteriorated services for existing customers. ¹¹
Distribution	Street Lights	This is an annual capital project required to install new street lights for customers requesting street lighting service and to replace deteriorated street lights. ¹²
Distribution	Transformers	This is an annual capital project required to purchase transformers to serve customer growth and to replace deteriorated transformers. ¹³
Distribution	Trunk Feeders	This project is required to address deteriorated equipment on the main trunk of distribution lines that have been identified through engineering condition assessments.
General Expenses Capital	General Expenses Capitalized (“GEC”)	GEC is required to execute capital projects in a given year. ¹⁴
General Property	Additions to Real Property	This project is required to ensure the safe and adequate operation of Company facilities. ¹⁵
General Property	Physical Security Upgrades	This is an annual project required to maintain security of the Company's facilities to ensure the safety of employees and the general public. ¹⁶
General Property	Company Building Renovations	This project is required to address deteriorated facilities and failed components to maintain safe and adequate buildings.
General Property	Tools and Equipment	This is an annual project required to add or replace tools and equipment used in providing safe and reliable electrical service. ¹⁷
Generation Hydro	Facilities Rehabilitation Hydro	This project is required to replace or refurbish components at hydro plants that have failed in service or are at imminent risk of failure. ¹⁸
Generation Hydro	Mobile Plant Upgrades	This project is required to upgrade the Mobile hydro plant based on asset condition.
Generation Hydro	Sandy Brook Upgrades	This is the second year of a multi-year project required to replace the Sandy Brook Plant penstock. ¹⁹

¹¹ See, for example, Newfoundland Power's 2022 Capital Budget Application, Schedule B, page 29.

¹² See, for example, Newfoundland Power's 2022 Capital Budget Application, Schedule B, page 32 and 34.

¹³ See, for example, Newfoundland Power's 2022 Capital Budget Application, Schedule B, page 36.

¹⁴ See, for example, Newfoundland Power's 2022 Capital Budget Application, Schedule B, page 99.

¹⁵ See, for example, Newfoundland Power's 2022 Capital Budget Application, Schedule B, page 63.

¹⁶ See, for example, Newfoundland Power's 2022 Capital Budget Application, Schedule B, page 67.

¹⁷ For information on the *Tools and Equipment* project, see response to Request for Information CA-NP-041.

¹⁸ For information on the *Hydro Facilities Rehabilitation* project, see response to Request for Information CA-NP-022.

¹⁹ For information on the *Sandy Brook Hydro Plant Penstock Replacement* project, see response to Request for Information CA-NP-024.

Table 1
2022 Capital Plan
Overview of 2023 Projects

Asset Class	Project	Reason for Inclusion
Generation Thermal	Facilities Rehabilitation Thermal	This is an annual project required to replace or refurbish components in thermal plants that have failed in service or are at imminent risk of failure. ²⁰
Information Services	Application Enhancements	This project is required to enhance software applications in order to reduce costs or improve the service provided to customers. ²¹
Information Services	Customer Service System	This is the third year of a multi-year project required to replace the Company's Customer Service System, as approved in Order No. P.U. 12 (2021). ²²
Information Services	Cybersecurity Upgrades	This project is required to ensure the security and availability of critical infrastructure such as networks, software, and data to provide safe and reliable service to customers. ²³
Information Services	Network Infrastructure	This project is required to add or replace network components that provide employees with access to applications and data necessary to provide service to customers. ²⁴
Information Services	Workforce Management System Replacement	This is the second year of a multi-year project required to replace the Company's obsolete workforce management system. ²⁵
Information Services	PC Infrastructure	This project is required to upgrade and replace personal computers and associated assets that are used to in providing service to customers. ²⁶
Information Services	Shared Server Infrastructure	This project is required to add, upgrade, and replace shared server infrastructure that is used to operate the Company's electrical system, manage field operations and provide customer service delivery in an effective and efficient manner. ²⁷
Information Services	System Upgrades	This project is required to complete upgrades to software applications used in providing service to customers in order to ensure software performance, security and vendor support. ²⁸
Substations	PCB Strategy	This project is required by the Government of Canada's PCB Regulations to address substation equipment with PCB concentrations greater than 50 ppm by 2025. ²⁹

²⁰ For information on the *Thermal Plant Facility Rehabilitation* project, see response to Request for Information CA-NP-025.

²¹ See, for example, Newfoundland Power's 2022 *Capital Budget Application, Schedule B*, page 79.

²² See, for example, Newfoundland Power's 2022 *Capital Budget Application, Schedule B*, page 92.

²³ See, for example, Newfoundland Power's 2022 *Capital Budget Application, Schedule B*, page 90.

²⁴ For information on the *Network Infrastructure* project, see response to Request for Information CA-NP-049.

²⁵ For information on the *Personal Computer Infrastructure* project, see response to Request for Information CA-NP-049.

²⁶ For information on the *Workforce Management System Replacement* project, see response to Request for Information CA-NP-054.

²⁷ For information on the *Shared Server Infrastructure* project, see response to Request for Information CA-NP-049.

²⁸ See, for example, Newfoundland Power's 2022 *Capital Budget Application, Schedule B*, page 81.

²⁹ See, for example, Newfoundland Power's 2022 *Capital Budget Application, Schedule B*, page 15.

Table 1
2022 Capital Plan
Overview of 2023 Projects

Asset Class	Project	Reason for Inclusion
Substations	Replacement Due to In-Service Failures	This is an annual project required to replace substation equipment that has failed in service. ³⁰
Substations	Substation Feeder Termination	This project is required to install the necessary infrastructure to terminate a new distribution line in Walbournes Substation.
Substations	Substation Refurbishment and Modernization	This project is required to replace and modernize deteriorated and substandard substation infrastructure in accordance with the Company's <i>Substation Strategic Plan</i> . ³¹
Telecommunications	St. John's Teleprotection System Replacement	This is the second year of a multi-year project required to replace the obsolete teleprotection system in St. John's. ³²
Telecommunications	Replace/Upgrade Communications Equipment	This is an annual capital project required to add and replace communications equipment used in providing service to customers, including operational voice systems and remote monitoring equipment. ³³
Transmission	Transmission Line Rebuild	This project is required to rebuild sections of transmission line that are identified as heavily deteriorated through inspection, as outlined in the Company's <i>Transmission Line Rebuild Strategy</i> . ³⁴
Transmission	Transmission Line Maintenance & 3rd Party	This is an annual project required to maintain deteriorated transmission line infrastructure and to accommodate 3 rd party requests to relocate or replace transmission lines. ³⁵
Transportation	Replace Vehicles and Aerial Devices – 2022 - 2023	This is an annual capital project required to maintain an adequate fleet of vehicles to respond to customer outages and maintain the electrical system. ³⁶
Transportation	Replace Vehicles and Aerial Devices – 2023 - 2024	This is an annual capital project required to maintain an adequate fleet of vehicles to respond to customer outages and maintain the electrical system. ³⁷

³⁰ See, for example, Newfoundland Power's 2022 Capital Budget Application, Schedule B, page 13.

³¹ For information on the *Substation Refurbishment and Modernization* project, see response to Request for Information CA-NP-026.

³² See, for example, Newfoundland Power's 2022 Capital Budget Application, Schedule B, page 76.

³³ For information on the *Replace/Upgrade Communications Equipment* project, see response to Request for Information CA-NP-047.

³⁴ For information on the *Transmission Line Rebuild* project, see response to Request for Information CA-NP-029.

³⁵ See, for example, Newfoundland Power's 2022 Capital Budget Application, Schedule B, page 21.

³⁶ For information on the *Replace Vehicles and Aerial Devices* project, see response to Request for Information CA-NP-045.

³⁷ For information on the *Replace Vehicles and Aerial Devices* project, see response to Request for Information CA-NP-045.

Table 1
2022 Capital Plan
Overview of 2023 Projects

Asset Class	Project	Reason for Inclusion
Unforeseen	Allowance for Unforeseen	This is an annual project required to permit the Company to act expeditiously to respond to events affecting the electrical system in advance of seeking specific approval of the Board. ³⁸

³⁸ See, for example, Newfoundland Power's 2022 *Capital Budget Application, Schedule B*, page 97.

**Table 2
2022 Capital Plan
Overview of 2024 Projects**

Asset Class	Project	Reason for Inclusion
Distribution	AFUDC	ADUFC is required to execute capital projects during a given year.
Distribution	Distribution Feeder Automation	This project is required as part of Newfoundland Power's plan to automate its distribution system through the installation of downline reclosers, which provide efficiency and reliability benefits for customers.
Distribution	Distribution Reliability Initiative	This project is required to address the poor service reliability experienced by customers on the Company's worst-performing feeders.
Distribution	Extensions	This is an annual capital project required to construct distribution lines to connect new customers to the electrical system.
Distribution	Feeder Additions for Growth	This project is required to address overload conditions and provide additional capacity to address growth on distribution feeders.
Distribution	EV Charging Network	This project is required as part of Newfoundland Power's plan to construct an EV Charging Network to enable the delivery of customer electrification programs over the 2021 to 2025 period.
Distribution	Meters	This is an annual capital project required to install new meters to serve new customers and replace deteriorated meters for existing customers.
Distribution	Rebuild Distribution Lines	This is an annual capital project required to replace deteriorated distribution infrastructure as part of Newfoundland Power's preventative maintenance program for its distribution system.
Distribution	Reconstruction	This is an annual capital project required to replace deteriorated or damaged distribution structures as part of the Company's corrective maintenance program for its distribution system.
Distribution	Relocations for Third Parties	This is an annual capital project required to accommodate 3 rd party requests to relocate or replace distribution lines.
Distribution	Services	This is an annual capital project required to install new service wires to connect new customers and replace deteriorated services for existing customers.
Distribution	Street Lights	This is an annual capital project required to install new street lights for customers requesting street lighting service and to replace deteriorated street lights.
Distribution	Transformers	This is an annual capital project required to purchase transformers to serve customer growth and to replace deteriorated transformers.
Distribution	Trunk Feeders	This project is required to address deteriorated equipment on the main trunk of distribution lines that have been identified through engineering condition assessments.
General Expenses Capital	GEC	GEC is required to execute capital projects in a given year.

**Table 2
2022 Capital Plan
Overview of 2024 Projects**

Asset Class	Project	Reason for Inclusion
General Property	Additions to Real Property	This project is required to ensure the safe and adequate operation of Company facilities.
General Property	Physical Security Upgrades	This is an annual project required to maintain security of the Company's facilities to ensure the safety of employees and the general public.
General Property	Company Building Renovations	This project is required to address deteriorated facilities and failed components to maintain safe and adequate buildings.
General Property	Tools and Equipment	This is an annual project required to add or replace tools and equipment used in providing safe and reliable electrical service.
Generation Hydro	Facilities Rehabilitation Hydro	This project is required to replace or refurbish components at hydro plants that have failed in service or are at imminent risk of failure.
Generation Hydro	Lookout Brook Plant Upgrade	This project is required to upgrade the Lookout Brook hydro plant based on asset condition
Generation Hydro	Mobile Plant Upgrades	This project is required to upgrade the Mobile hydro plant based on asset condition.
Generation Hydro	Tors Cove Plant Upgrade	This project is required to upgrade the Tors Cove hydro plant based on asset condition.
Generation Thermal	Gas Turbine Replacement	This project is required to ensure adequate thermal generating capacity based on the condition of the Company's existing Wesleyville and Greenhill thermal generating units.
Generation Thermal	Facilities Rehabilitation Thermal	This is an annual project required to replace or refurbish components in thermal plants that have failed in service or are at imminent risk of failure.
Information Services	Application Enhancements	This project is required to enhance software applications in order to reduce costs or improve the service provided to customers.
Information Services	Cybersecurity Upgrades	This project is required to ensure the security and availability of critical infrastructure such as networks, software, and data to provide safe and reliable service to customers.
Information Services	Network Infrastructure	This project required to add or replace network components that provide employees with access to applications and data necessary to provide service to customers.
Information Services	PC Infrastructure	This project is required to upgrade and replace personal computers and associated assets that are used to in providing service to customers.

Table 2
2022 Capital Plan
Overview of 2024 Projects

Asset Class	Project	Reason for Inclusion
Information Services	Shared Server Infrastructure	This project is required to add, upgrade, and replace shared server infrastructure that is used to operate the Company's electrical system, manage field operations and provide customer service delivery in an effective and efficient manner.
Information Services	System Upgrades	This project is required to complete upgrades to software applications used in providing service to customers in order to ensure software performance, security and vendor support.
Substations	PCB Strategy	This project is required by the Government of Canada's PCB Regulations to address substation equipment with PCB concentrations greater than 50 ppm by 2025.
Substations	Replacement Due to In-Service Failures	This is an annual project required to replace substation equipment that has failed in service.
Substations	Additions Due to Load Growth	This project is required to accommodate increased load growth associated with the electrification of the Memorial University heating system.
Substations	Substation Refurbishment & Modernization	This project is required to replace and modernize deteriorated and substandard substation infrastructure in accordance with the Company's <i>Substation Strategic Plan</i> .
Telecommunications	Radio System Replacement	This project is required based on the Provincial Government's plan to transition away from the current VHF radio system to a new province-wide public safety radio system.
Telecommunications	Replace/Upgrade Communications Equipment	This is an annual capital project required to add and replace communications equipment used in providing service to customers, including operational voice systems and remote monitoring equipment.
Transmission	Transmission Line Rebuild	This project is required to rebuild sections of transmission line that are identified as heavily deteriorated through inspection, as outlined in the Company's <i>Transmission Line Rebuild Strategy</i> .
Transmission	Transmission Line Maintenance & 3rd Party	This is an annual project required to maintain deteriorated transmission line infrastructure and to accommodate 3 rd party requests to relocate or replace transmission lines.
Transportation	Replace Vehicles and Aerial Devices – 2023 - 2024	This is an annual capital project required to maintain an adequate fleet of vehicles to respond to customer outages and maintain the electrical system.
Transportation	Replace Vehicles and Aerial Devices – 2024 - 2025	This is an annual capital project required to maintain an adequate fleet of vehicles to respond to customer outages and maintain the electrical system.

Table 2
2022 Capital Plan
Overview of 2024 Projects

Asset Class	Project	Reason for Inclusion
Unforeseen	Allowance for Unforeseen	This is an annual project required to permit the Company to act expeditiously to respond to events affecting the electrical system in advance of seeking specific approval of the Board.

**Table 3
2022 Capital Plan
Overview of 2025 Projects**

Asset Class	Project	Reason for Inclusion
Distribution	AFUDC	ADUFC is required to execute capital projects during a given year.
Distribution	Distribution Feeder Automation	This project is required as part of Newfoundland Power's plan to automate its distribution system through the installation of downline reclosers, which provide efficiency and reliability benefits for customers.
Distribution	Distribution Reliability Initiative	This project is required to address the poor service reliability experienced by customers on the Company's worst-performing feeders.
Distribution	Extensions	This is an annual capital project required to construct distribution lines to connect new customers to the electrical system.
Distribution	Feeder Additions for Growth	This project is required to address overload conditions and provides additional capacity to address growth on distribution feeders.
Distribution	EV Charging Network	This project is required as part of Newfoundland Power's plan to construct an EV Charging Network to enable the delivery of customer electrification programs over the 2021 to 2025 period.
Distribution	Meters	This is an annual capital project required to install new meters to serve new customers and replace deteriorated meters for existing customers.
Distribution	Rebuild Distribution Lines	This is an annual capital project required to replace deteriorated distribution infrastructure as part of Newfoundland Power's preventative maintenance program for its distribution system.
Distribution	Reconstruction	This is an annual capital project required to replace deteriorated or damaged distribution structures as part of the Company's corrective maintenance program for its distribution system.
Distribution	Relocations for Third Parties	This is an annual capital project required to accommodate 3 rd party requests to relocate or replace distribution lines.
Distribution	Services	This is an annual capital project required to install new service wires to connect new customers and replace deteriorated services for existing customers.
Distribution	Street Lights	This is an annual capital project required to install new street lights for customers requesting street lighting service and to replace deteriorated street lights.
Distribution	Transformers	This is an annual capital project required to purchase transformers to serve customer growth and to replace deteriorated transformers.
Distribution	Trunk Feeders	This project is required to address deteriorated equipment on the main trunk of distribution lines that have been identified through engineering condition assessments.
General Expenses Capital	GEC	GEC is required to execute capital projects in a given year.

**Table 3
2022 Capital Plan
Overview of 2025 Projects**

Asset Class	Project	Reason for Inclusion
General Property	Additions to Real Property	This project is required to ensure the safe and adequate operation of Company facilities.
General Property	Physical Security Upgrades	This is an annual project required to maintain security of the Company's facilities to ensure the safety of employees and the general public.
General Property	Company Building Renovations	This project is required to address deteriorated facilities and failed components to maintain safe and adequate buildings.
General Property	Tools and Equipment	This is an annual project required to add or replace tools and equipment used in providing safe and reliable electrical service.
Generation Hydro	Cape Broyle Upgrades	This project is required to upgrade the Cape Broyle hydro plant based on asset condition.
Generation Hydro	Facilities Rehabilitation Hydro	This project is required to replace or refurbish components at hydro plants that have failed in service or are at imminent risk of failure.
Generation Hydro	Lookout Brook Plant Upgrade	This project is required to upgrade the Lookout Brook hydro plant based on asset condition.
Generation Hydro	Tors Cove Plant Upgrade	This project is required to upgrade the Tors Cove hydro plant based on asset condition.
Generation Thermal	Gas Turbine Replacement	This project is required to ensure adequate thermal generating capacity based on the condition of the Company's existing Wesleyville and Greenhill thermal generating units.
Generation Thermal	Facilities Rehabilitation Thermal	This is an annual project required to replace or refurbish components in thermal plants that have failed in service or are at imminent risk of failure.
Information Services	Application Enhancements	This project is required to enhance software applications in order to reduce costs or improve the service provided to customers.
Information Services	Cybersecurity Upgrades	This project is required to ensure the security and availability of critical infrastructure such as networks, software, and data to provide safe and reliable service to customers.
Information Services	Network Infrastructure	This project required to add or replace network components that provide employees with access to applications and data necessary to provide service to customers.
Information Services	Operations Technology	This project is required to upgrade the Company's Geographical Information System and Outage Management System due to the expiration of vendor support for the existing systems.

Table 3
2022 Capital Plan
Overview of 2025 Projects

Asset Class	Project	Reason for Inclusion
Information Services	PC Infrastructure	This project is required to upgrade and replace personal computers and associated assets that are used to in providing service to customers.
Information Services	Shared Server Infrastructure	This project is required to add, upgrade, and replace shared server infrastructure that is used to operate the Company's electrical system, manage field operations and provide customer service delivery in an effective and efficient manner.
Information Services	System Upgrades	This project is required to complete upgrades to software applications used in providing service to customers in order to ensure software performance, security and vendor support.
Substations	PCB Strategy	This project is required by the Government of Canada's PCB Regulations to address substation equipment with PCB concentrations greater than 50 ppm by 2025.
Substations	Replacement Due to In-Service Failures	This is an annual project required to replace substation equipment that has failed in service.
Substations	Substation Feeder Termination	This project is required to install the necessary infrastructure to terminate a new distribution line in Islington Substation.
Substations	Substation Refurbishment & Modernization	This project is required to replace and modernize deteriorated and substandard substation infrastructure in accordance with the Company's <i>Substation Strategic Plan</i> .
Telecommunications	Fibre Optic Cable Build	This project is required to construct fibre optic cable links that are used for corporate data and communications, as well as data communications between Newfoundland Power's and Newfoundland and Labrador Hydro's control centres.
Telecommunications	Replace/Upgrade Communications Equipment	This is an annual capital project required to add and replace communications equipment used in providing service to customers, including operational voice systems and remote monitoring equipment.
Transmission	Transmission Line Rebuild	This project is required to rebuild sections of transmission line that are identified as heavily deteriorated through inspection, as outlined in the Company's <i>Transmission Line Rebuild Strategy</i> .
Transmission	Transmission Line Maintenance & 3rd Party	This is an annual project required to maintain deteriorated transmission line infrastructure and to accommodate 3 rd party requests to relocate or replace transmission lines.
Transportation	Replace Vehicles and Aerial Devices – 2024 - 2025	This is an annual capital project required to maintain an adequate fleet of vehicles to respond to customer outages and maintain the electrical system.
Transportation	Replace Vehicles and Aerial Devices – 2025 - 2026	This is an annual capital project required to maintain an adequate fleet of vehicles to respond to customer outages and maintain the electrical system.

Table 3
2022 Capital Plan
Overview of 2025 Projects

Asset Class	Project	Reason for Inclusion
Unforeseen	Unforeseen	This is an annual project required to permit the Company to act expeditiously to respond to events affecting the electrical system in advance of seeking specific approval of the Board.

Table 4
2022 Capital Plan
Overview of 2026 Projects

Asset Class	Project	Reason for Inclusion
Distribution	AFUDC	ADUFC is required to execute capital projects during a given year.
Distribution	Distribution Feeder Automation	This project is required as part of Newfoundland Power's plan to automate its distribution system through the installation of downline reclosers, which provide efficiency and reliability benefits for customers.
Distribution	Distribution Reliability Initiative	This project is required to address the poor service reliability experienced by customers on the Company's worst-performing feeders.
Distribution	Extensions	This is an annual capital project required to construct distribution lines to connect new customers to the electrical system.
Distribution	Feeder Additions for Growth	This project is required to address overload conditions and provides additional capacity to address growth on distribution feeders.
Distribution	Meters	This is an annual capital project required to install new meters to serve new customers and replace deteriorated meters for existing customers.
Distribution	Rebuild Distribution Lines	This is an annual capital project required to replace deteriorated distribution infrastructure as part of Newfoundland Power's preventative maintenance program for its distribution system.
Distribution	Reconstruction	This is an annual capital project required to replace deteriorated or damaged distribution structures as part of the Company's corrective maintenance program for its distribution system.
Distribution	Relocations for Third Parties	This is an annual capital project required to accommodate 3 rd party requests to relocate or replace distribution lines.
Distribution	Services	This is an annual capital project required to install new service wires to connect new customers and replace deteriorated services for existing customers.
Distribution	Street Lights	This is an annual capital project required to to install new street lights for customers requesting street lighting service and to replace deteriorated street lights.
Distribution	Transformers	This is an annual capital project required to purchase transformers to serve customer growth and to replace deteriorated transformers.
Distribution	Trunk Feeders	This project is required to address deteriorated equipment on the main trunk of distribution lines which have been identified through engineering condition assessments.
General Expenses Capital	GEC	GEC is required to execute capital projects in a given year.
General Property	Additions to Real Property	This project is required to ensure the safe and adequate operation of Company facilities.
General Property	Physical Security Upgrades	This is an annual project required to maintain security of the Company's facilities to ensure the safety of employees and the general public.

Table 4
2022 Capital Plan
Overview of 2026 Projects

Asset Class	Project	Reason for Inclusion
General Property	Company Building Renovations	This project is required to address deteriorated facilities and failed components to maintain safe and adequate buildings.
General Property	Tools and Equipment	This is an annual project required to add or replace tools and equipment used in providing safe and reliable electrical service.
Generation Hydro	Facilities Rehabilitation Hydro	This project is required to replace or refurbish components at hydro plants that have failed in service or are at imminent risk of failure.
Generation Hydro	Cape Broyle Upgrades	This project is required to upgrade the Cape Broyle hydro plant based on asset condition.
Generation Hydro	Lookout Brook Plant Upgrade	This project is required to upgrade the Lookout Brook hydro plant based on asset condition.
Generation Hydro	Morris Plant Upgrade	This project is required to upgrade the Morris hydro plant based on asset condition.
Generation Hydro	Pitman's Pond Upgrade	This project is required to upgrade the Pittman's Pond hydro plant based on asset condition.
Generation Thermal	Facilities Rehabilitation Thermal	This is an annual project required to replace or refurbish components in thermal plants that have failed in service or are at imminent risk of failure.
Information Services	Application Enhancements	This project is required to enhance software applications in order to reduce costs or improve the service provided to customers.
Information Services	Cybersecurity Upgrades	This project is required to ensure the security and availability of critical infrastructure such as networks, software, and data to provide safe and reliable service to customers.
Information Services	Network Infrastructure	This project required to add or replace network components that provide employees with access to applications and data necessary to provide service to customers.
Information Services	Operations Technology	This project is required to upgrade the Company's Geographical Information System and Outage Management System due to the expiration of vendor support for the existing systems.
Information Services	PC Infrastructure	This project is required to upgrade and replace personal computers and associated assets that are used to in providing service to customers.
Information Services	Shared Server Infrastructure	This project is required to add, upgrade, and replace shared server infrastructure that is used to operate the Company's electrical system, manage field operations and provide customer service delivery in an effective and efficient manner.

Table 4
2022 Capital Plan
Overview of 2026 Projects

Asset Class	Project	Reason for Inclusion
Information Services	System Upgrades	This project is required to complete upgrades to software applications used in providing service to customers in order to ensure software performance, security and vendor support.
Substations	Replacement Due to In-Service Failures	This is an annual project required to replace substation equipment that has failed in service.
Substations	Additions Due to Load Growth	This project is required to accommodate forecast load growth in the area supplied by Kelligrews Substation.
Substations	Substation Refurbishment & Modernization	This project is required to replace and modernize deteriorated and substandard substation infrastructure in accordance with the Company's <i>Substation Strategic Plan</i> .
Telecommunications	Fibre Optic Cable Build	This project is required to construct fibre optic cable links that are used for corporate data and communications, as well as data communications between Newfoundland Power's and Newfoundland and Labrador Hydro's control centres.
Telecommunications	Replace/Upgrade Communications Equipment	This is an annual capital project required to add and replace communications equipment used in providing service to customers, including operational voice systems and remote monitoring equipment.
Transmission	Transmission Line Rebuild	This project is required to rebuild sections of transmission line that are identified as heavily deteriorated through inspection, as outlined in the Company's <i>Transmission Line Rebuild Strategy</i> .
Transmission	Transmission Line Maintenance & 3rd Party	This is an annual project required to maintain deteriorated transmission line infrastructure and to accommodate 3 rd party requests to relocate or replace transmission lines.
Transmission	Transmission Line Additions	This project is required to accommodate increased load growth associated with the potential electrification of the Memorial University heating system.
Transportation	Replace Vehicles and Aerial Devices – 2025 - 2026	This is an annual capital project required to maintain an adequate fleet of vehicles to respond to customer outages and maintain the electrical system.
Transportation	Replace Vehicles and Aerial Devices – 2026 - 2027	This is an annual capital project required to maintain an adequate fleet of vehicles to respond to customer outages and maintain the electrical system.
Unforeseen	Unforeseen	This is an annual project required to permit the Company to act expeditiously to respond to events affecting the electrical system in advance of seeking specific approval of the Board.