



Renewable  
Power  
Partners

# Independent Power Producer Utility-Connected Solar and Storage

## Municipal Backgrounder

Simon Rowland, CEO

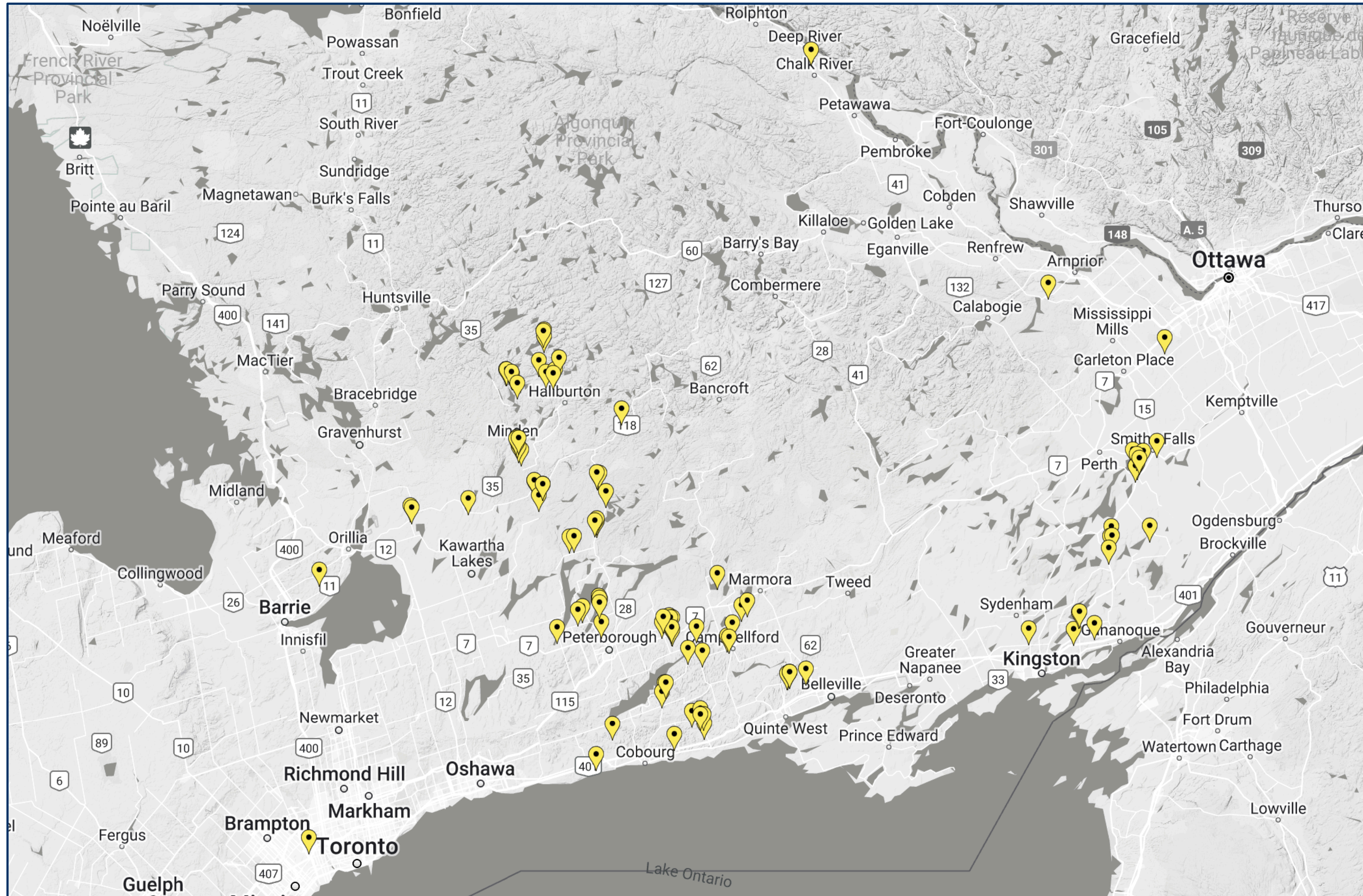
Oct 27, 2025

# Renewable Power Partners

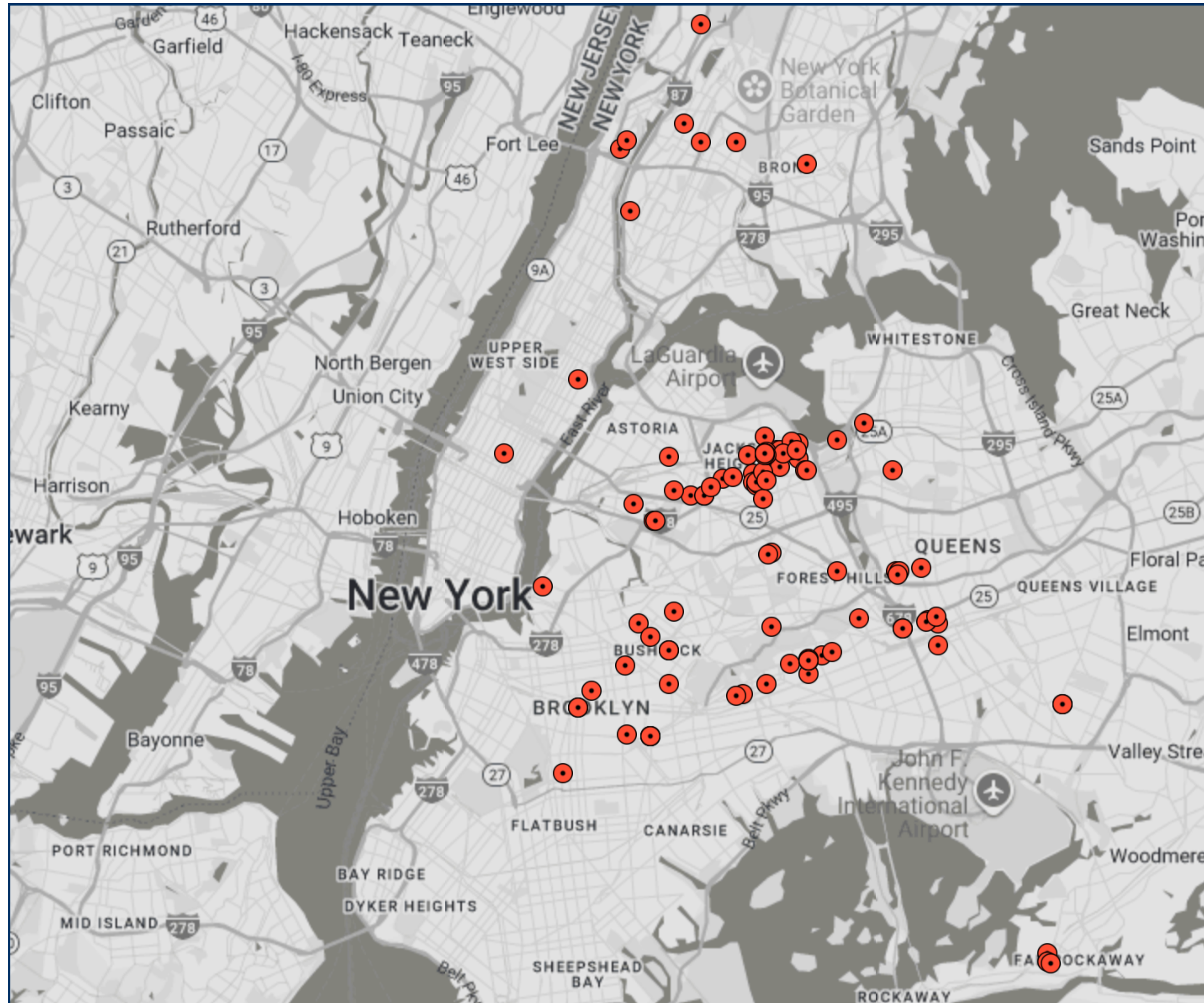
Developing Renewables Since 2012

- Renewable Power Partners is a **renewable energy developer** and **independent power producer** specializing in solar fields and energy storage projects.
- We **lease land** from owners like farms or businesses, win competitive bids to **secure power purchase agreements** for selling electricity to utilities or companies, **handle permitting and financing**, **hire construction firms** to build the facilities, then **commission and operate** them as a portfolio for steady performance.
- To date, we've **completed 71 renewables projects** in Ontario, and have strong pipelines of solar and storage in Ontario, and 60+ storage projects under development in New York.

# Ontario Solar & Battery Developments



# New York Battery Developments



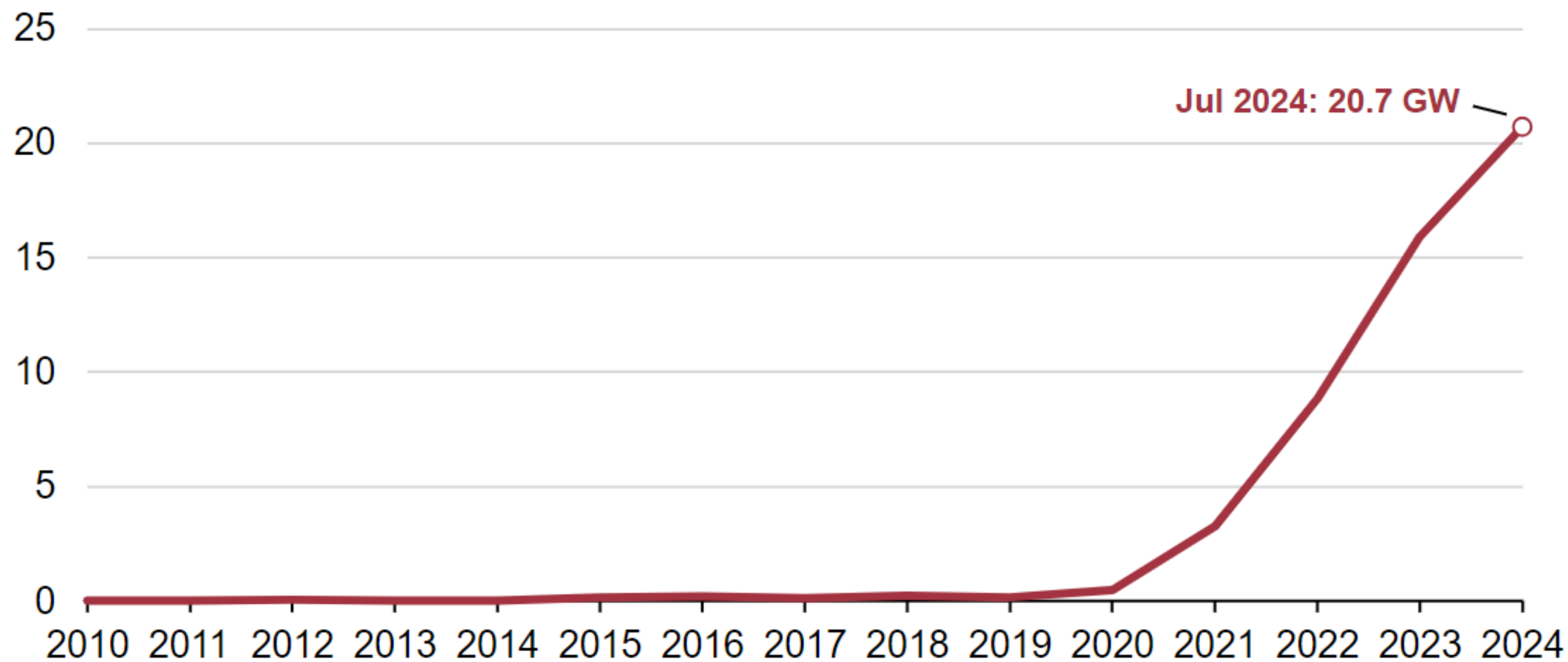
# 66 MW (528 MWh) BESS Installation



# Essential Ingredient of Grid Planning

Deployments in demand worldwide

**Cumulative U.S. utility-scale battery power capacity (2010–Jul 2024)**  
gigawatts (GW)



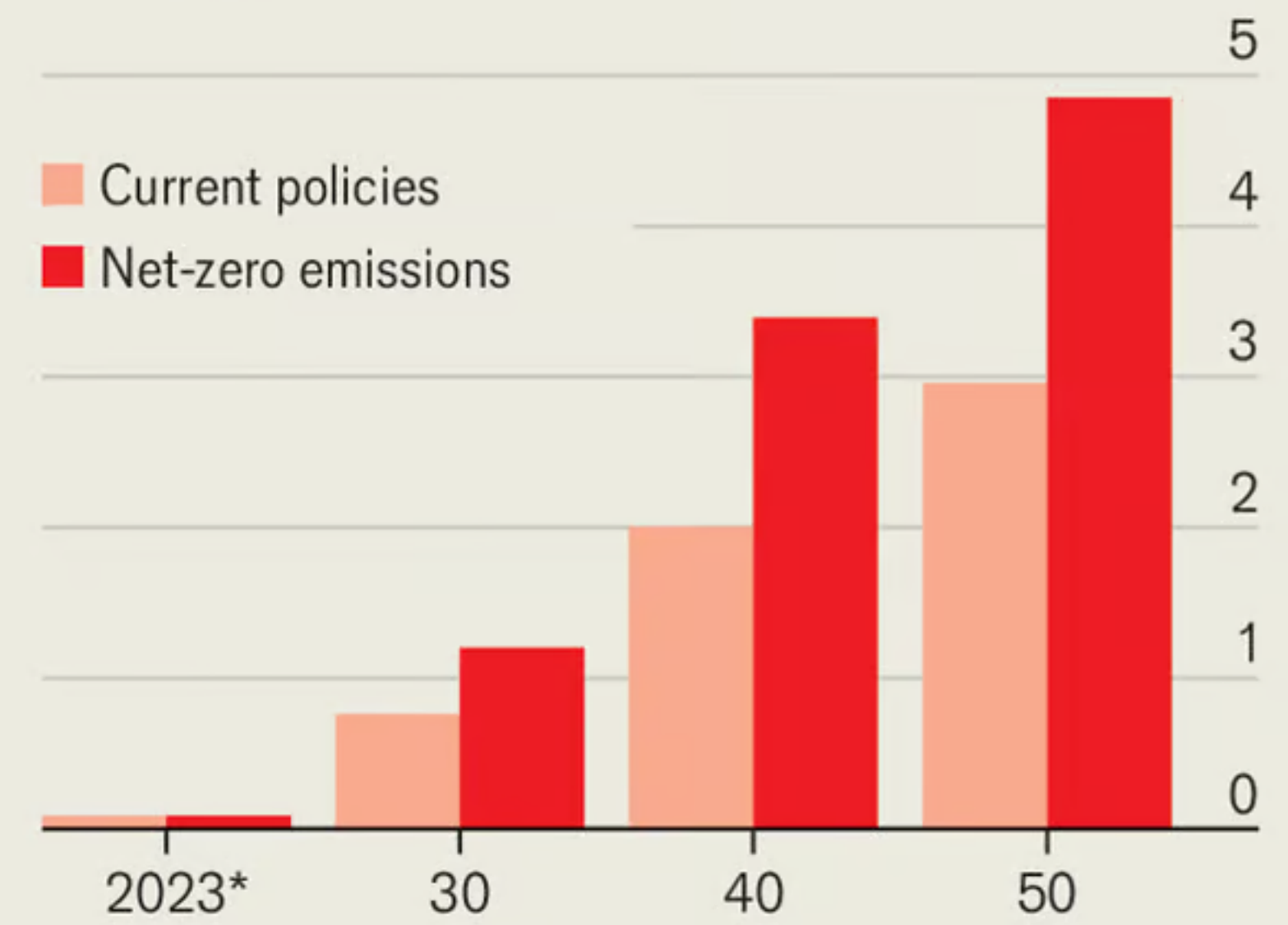
**Data source:** U.S. Energy Information Administration, early release 2023 *Annual Electric Generator Report* (for annual data 2010–23) and our [July 2024 electric generator inventory](#) (for July 2024 data)

**Note:** Annual data are end-of-year operational nameplate capacities at installations with at least 1 megawatt of nameplate power capacity.

## Turbocharged

1

**Global installed battery-storage capacity by scenario, TW**



Source: IEA

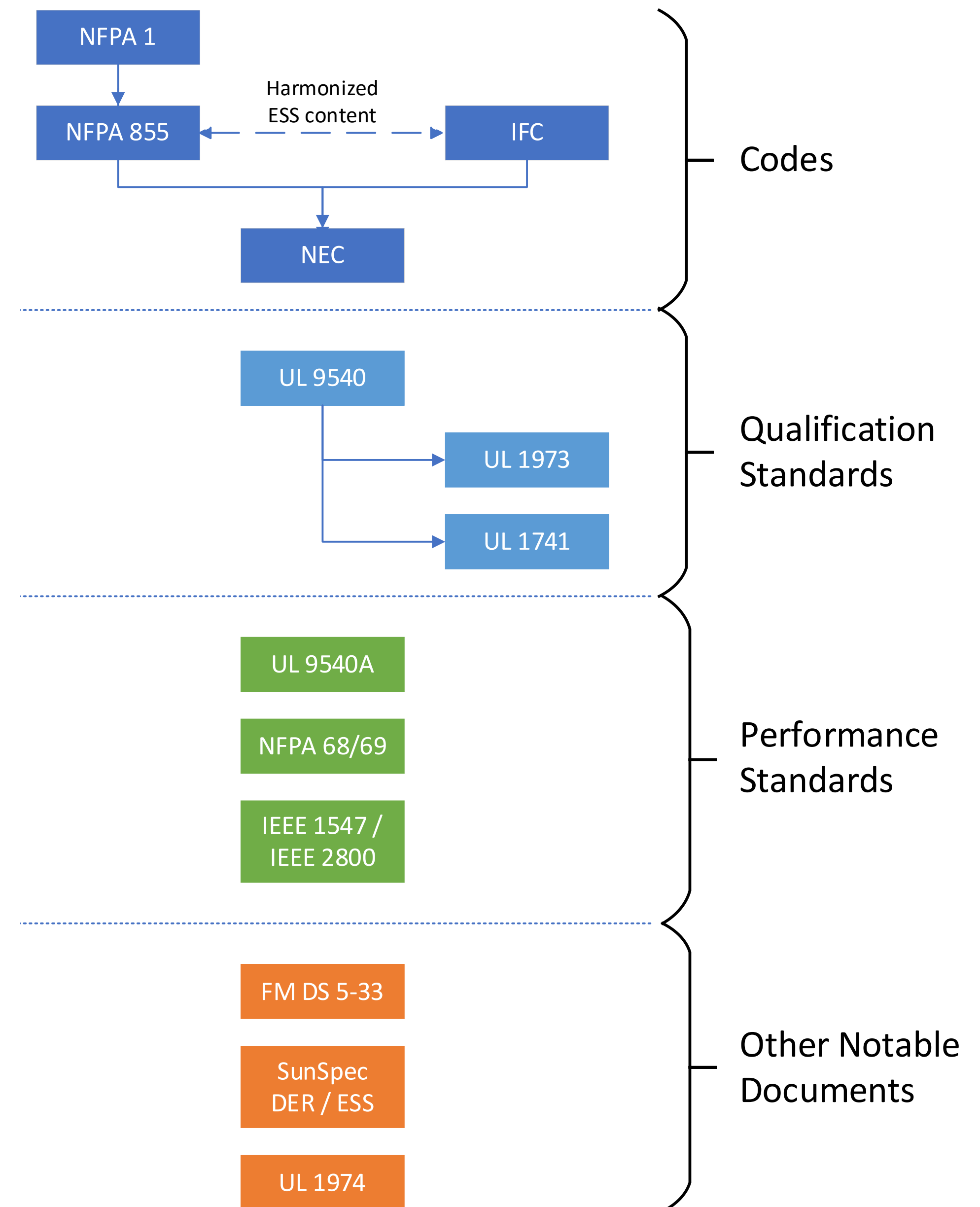
\*Actual

Source: The Economist

# Codes & Standards

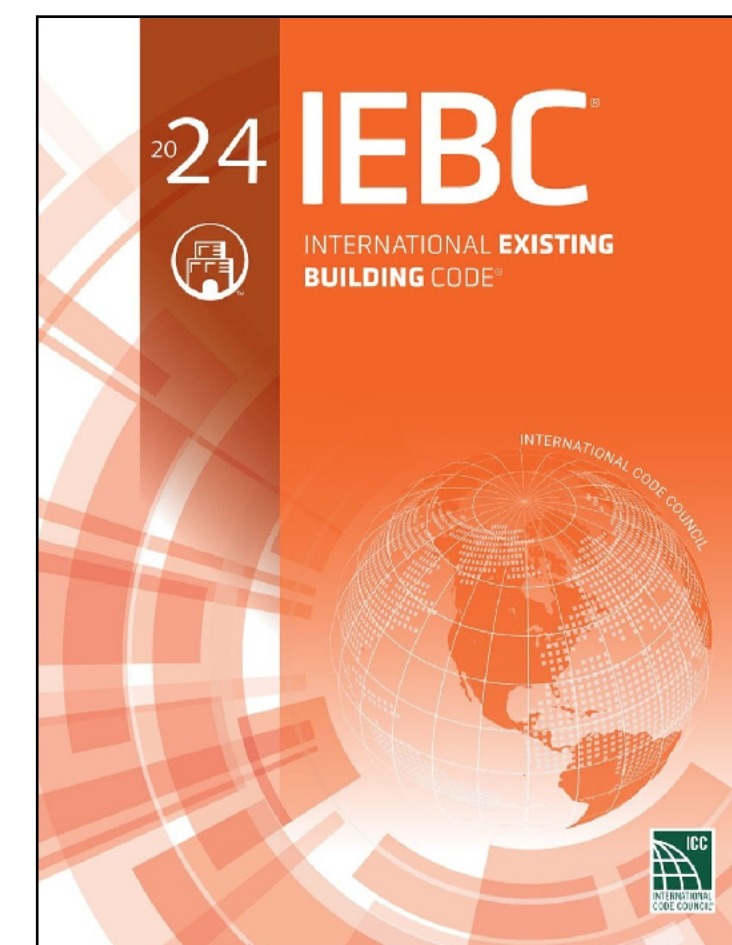
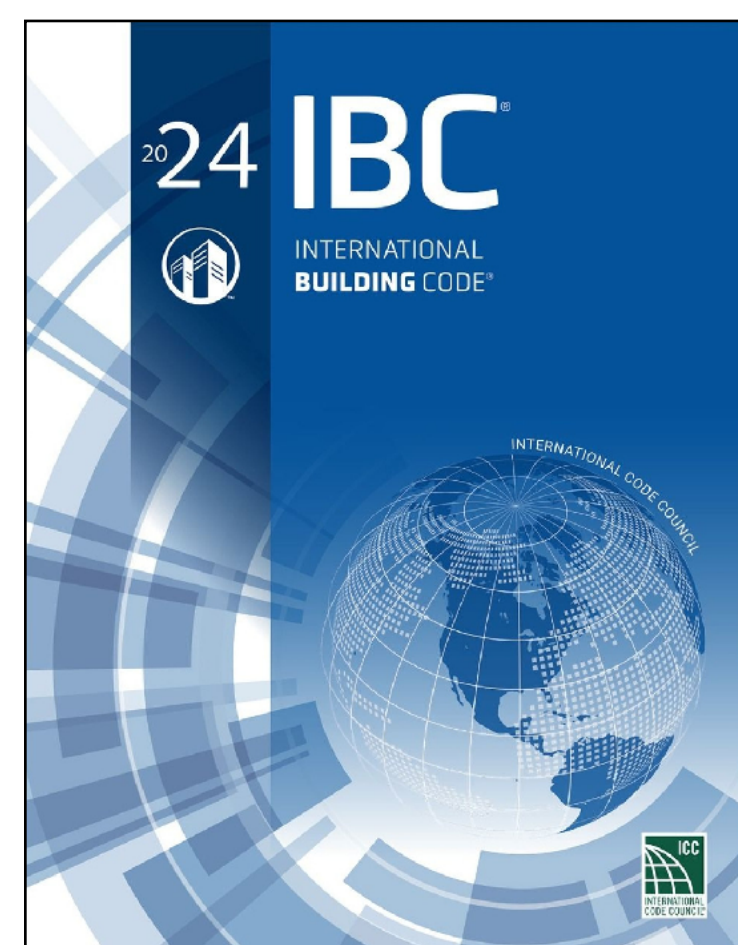
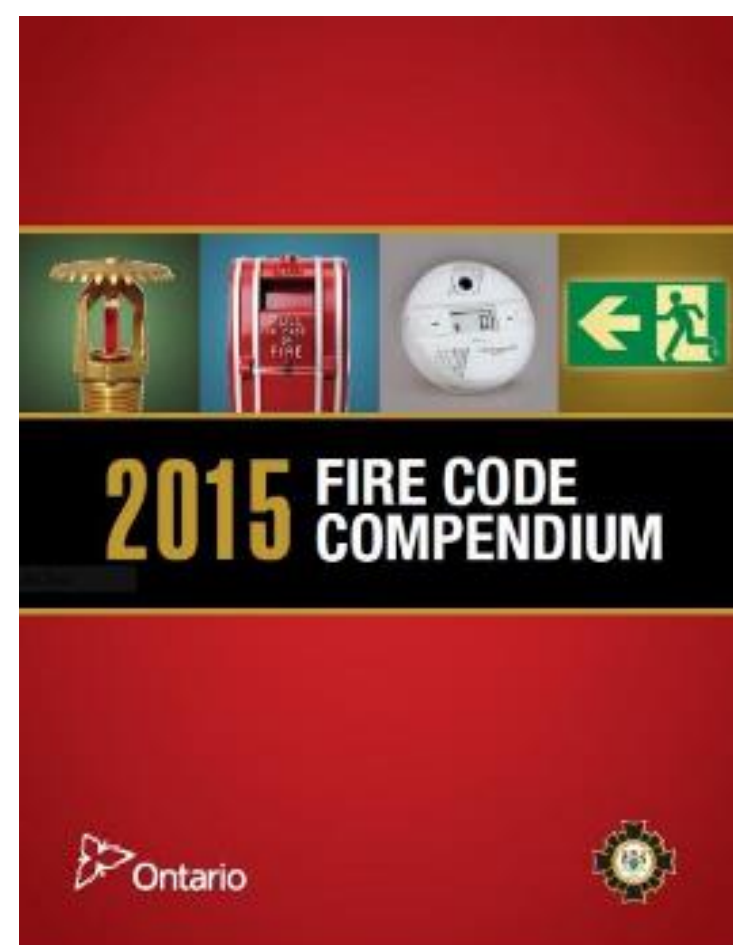
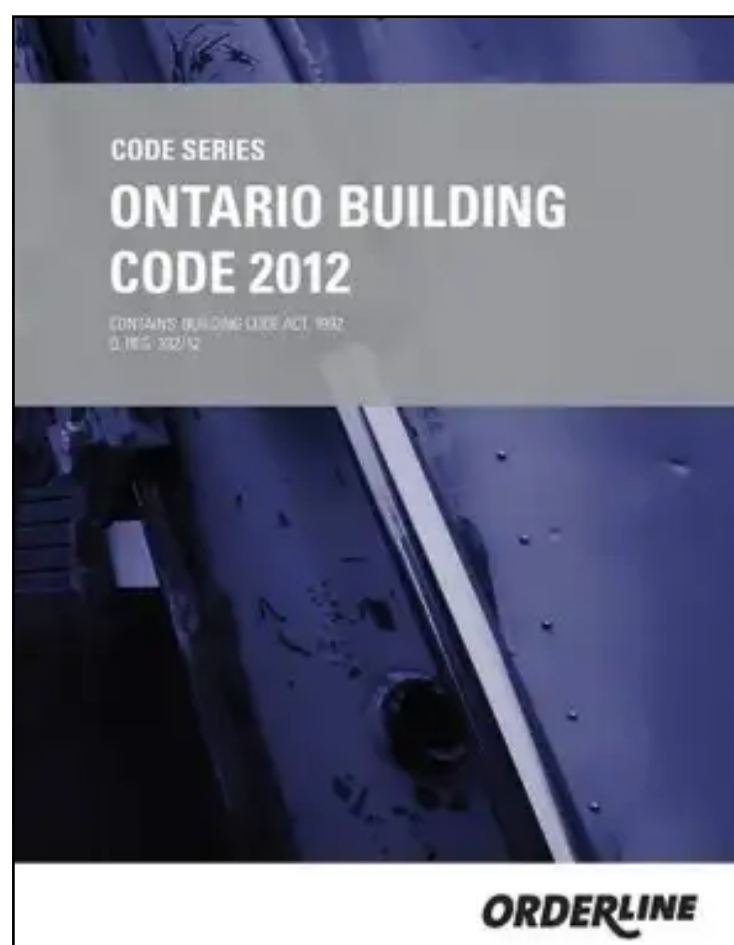
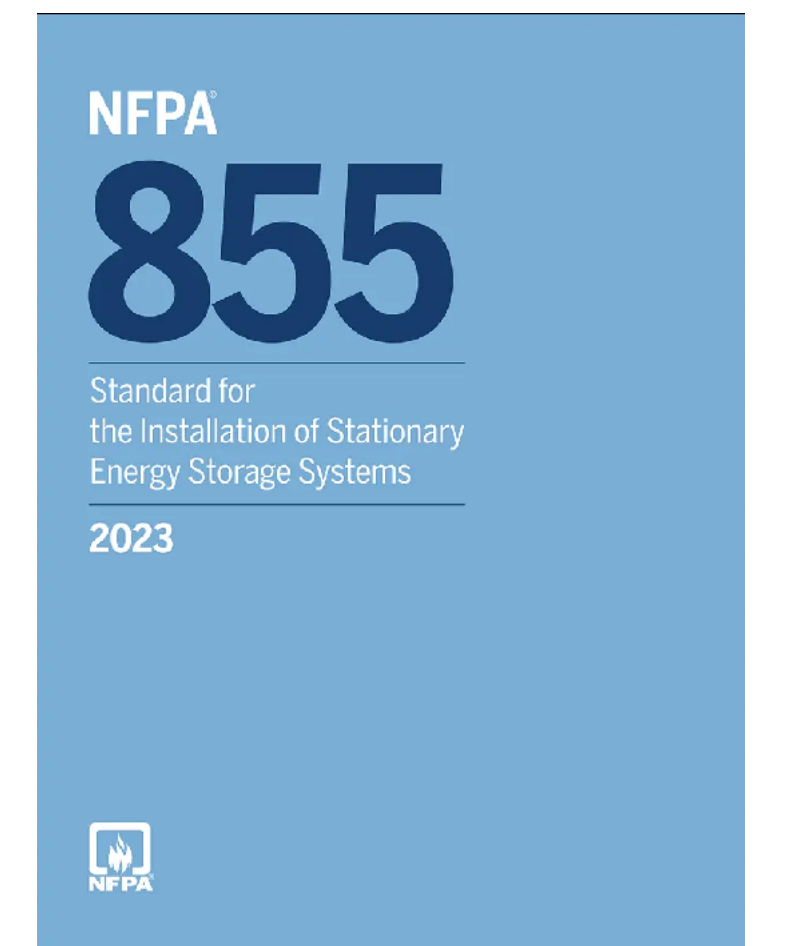
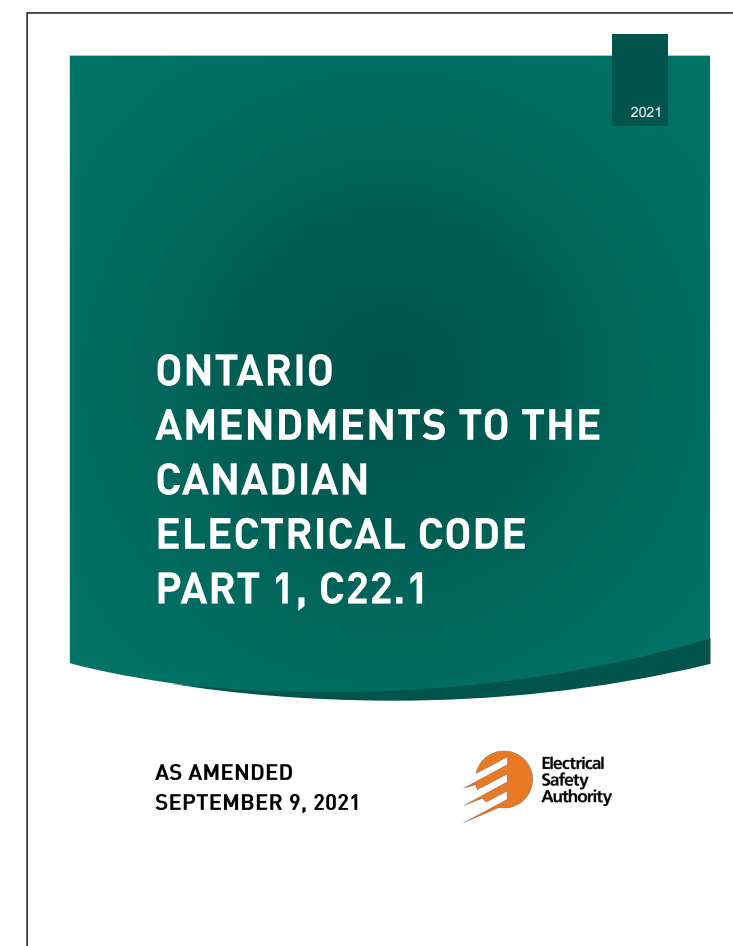
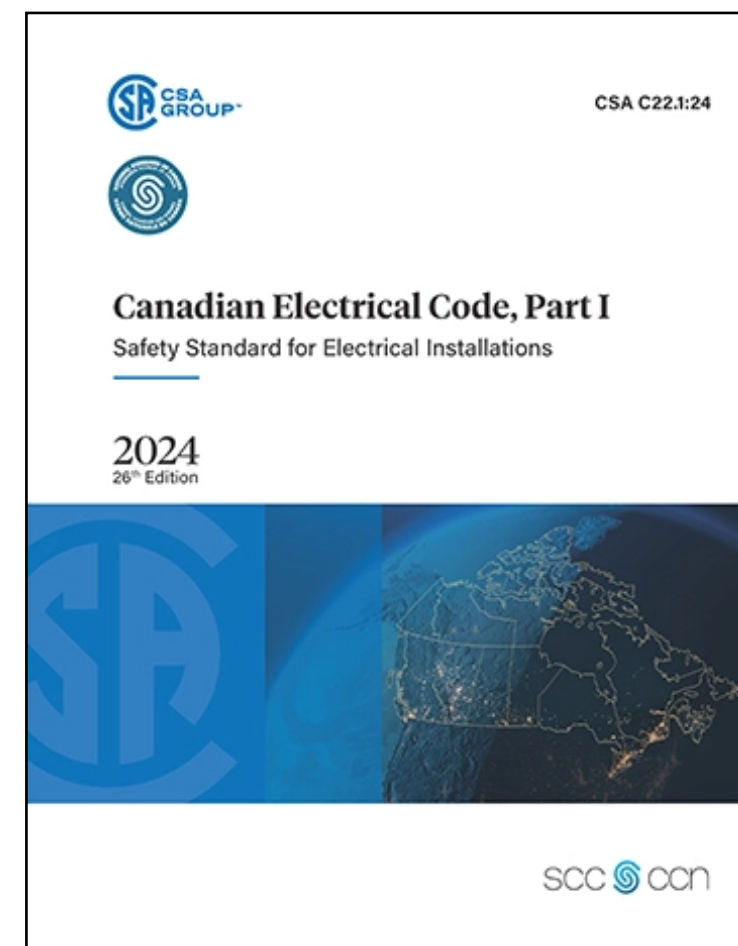
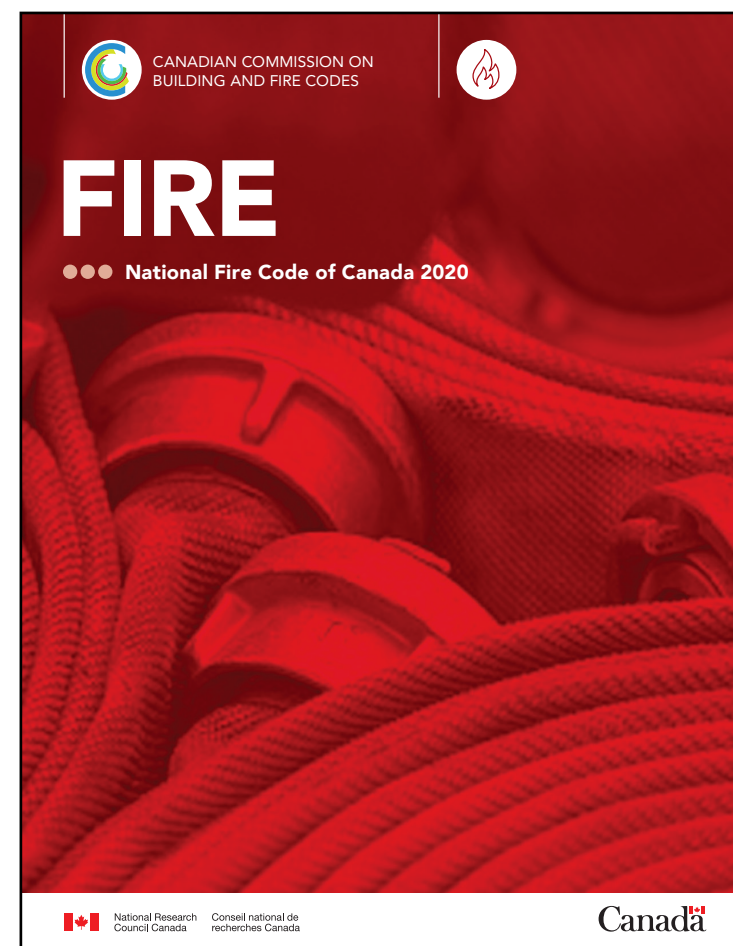
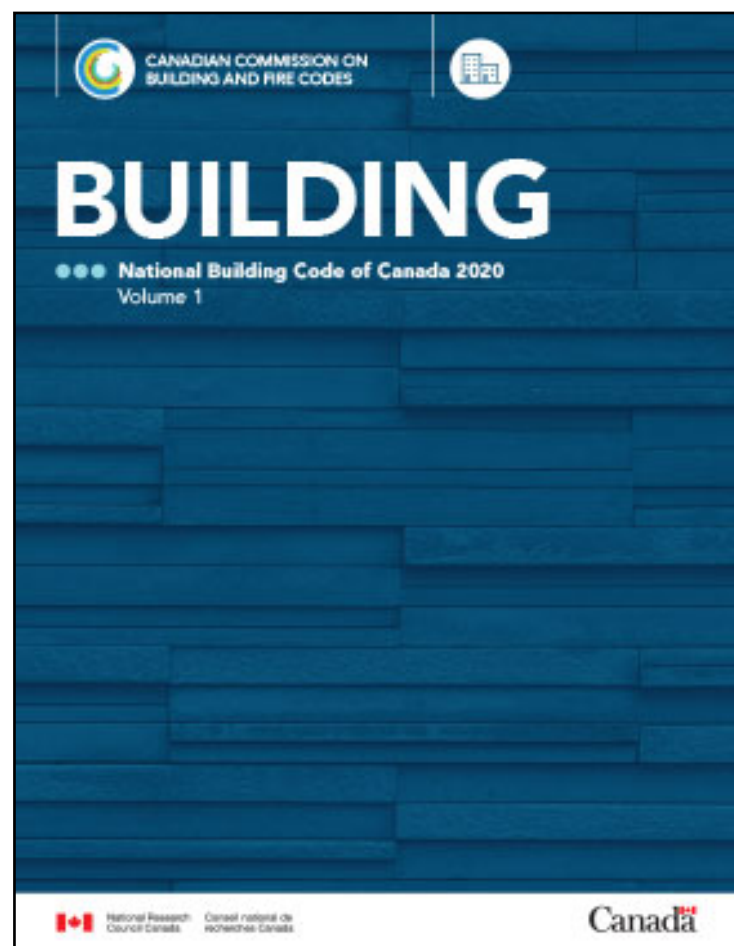
## Summary for BESS Installations

- Comprehensive rules apply to BESS installations, developed for early systems Lithium-ion cells similar to a laptop battery.
- While Li-ion cells have a flammable electrolyte, all bankable current-generation stationary batteries use LFP cells. LFP has no liquid electrolyte, ignites at 600°C instead of 125°C, and smoke is no more toxic than woodsmoke.
  - Extensive test standards at cell, module, container level.
  - Physical containment in cell, module, rack, and container.
  - Integrated smoke, heat, and flame detection; cooling and fire suppression.
  - Gas detection, fans, sparkers, NFPA 68/69 deflagration panels, clearance.
  - BMS with SCADA, alarm monitoring, remote shutdown.
  - Evaluated by fire department trainers as similar risk to diesel generators



# Canadian Codes and Standards

Our installations benefit from detailed codes and standards



# Canadian Regulatory Oversight

Approvals, Codes, Rules and Registrations with Governing Bodies

Ontario Energy Board  
Licensing, Codes,  
Regulation Enforcement

Local Utility  
Requirements, Approvals,  
Inspection

Ontario Ministries  
Heritage, Natural Heritage,  
Archaeological Database

Measurement Canada  
(ISED)  
Rules, Meter Approvals

Municipal Planning  
Approvals Building Code,  
Land Use, Bylaws, Inspection

IESO  
Requirements, Approvals,  
Market Rules, Monitoring

CSA  
Product Standards,  
Testing and Approvals

Ministry of Environment  
Rules, Registration,  
Class EA Study

Fire Department  
Fire Code Enforcement,  
Approval, Inspection

ESA  
Licensing, Codes,  
Regulation Enforcement

NAV Canada &  
Transport Canada  
Rules and Registration

Project Finance  
Technical Due Diligence,  
Requirements, Contract

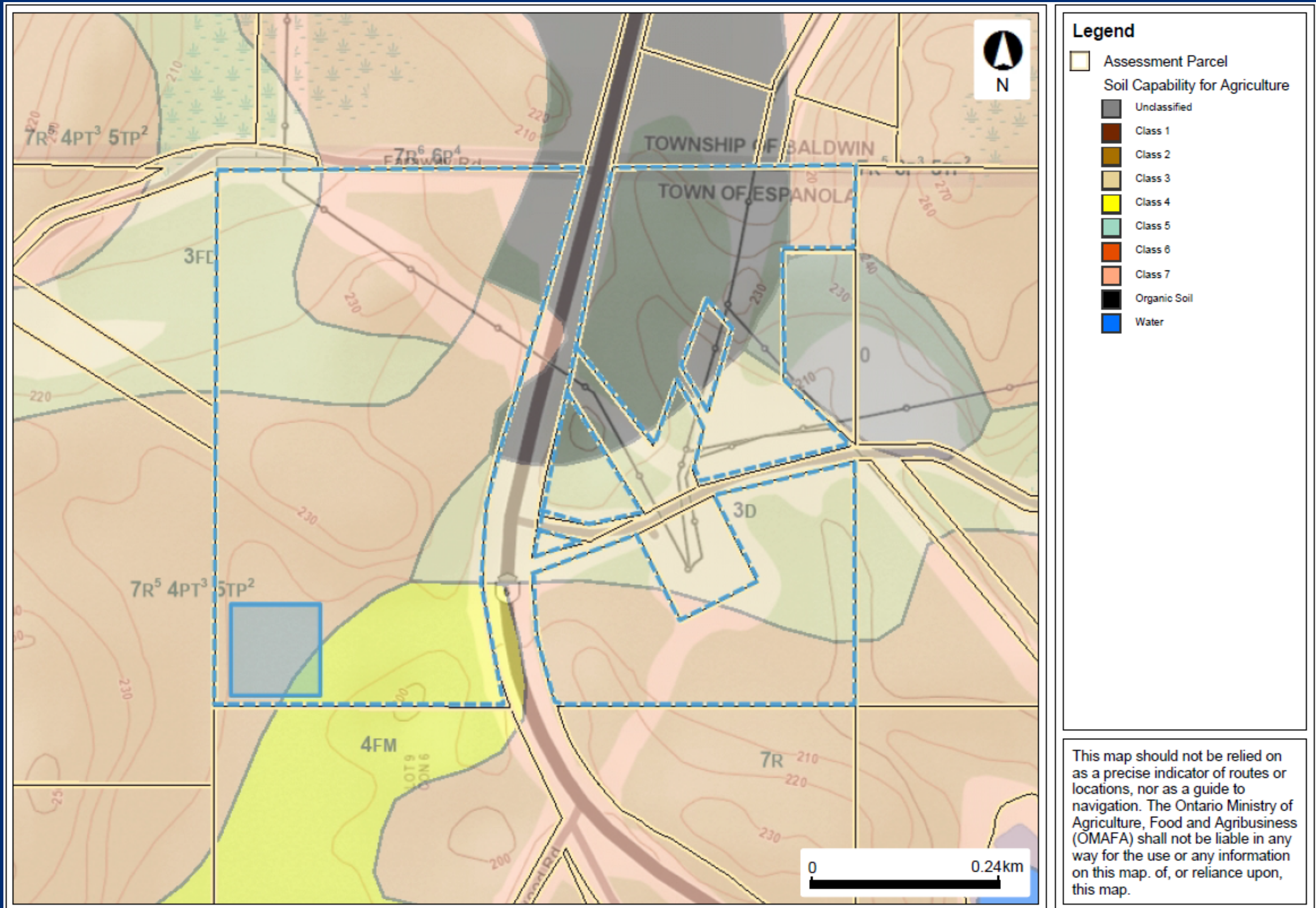
# Decommissioning

- Project Finance lenders require us to establish a decommissioning reserve fund, to fully remove the equipment at the end of the term.
- Ministry of Environment has very far-reaching powers to enforce decommissioning, and can enforce compliance and costs on individual directors, officers and shareholders.
- Our lease requires us to remove all equipment and restore the site as we found it.
- Containerised batteries have a higher residual value than the cost of retrieval.

# R308

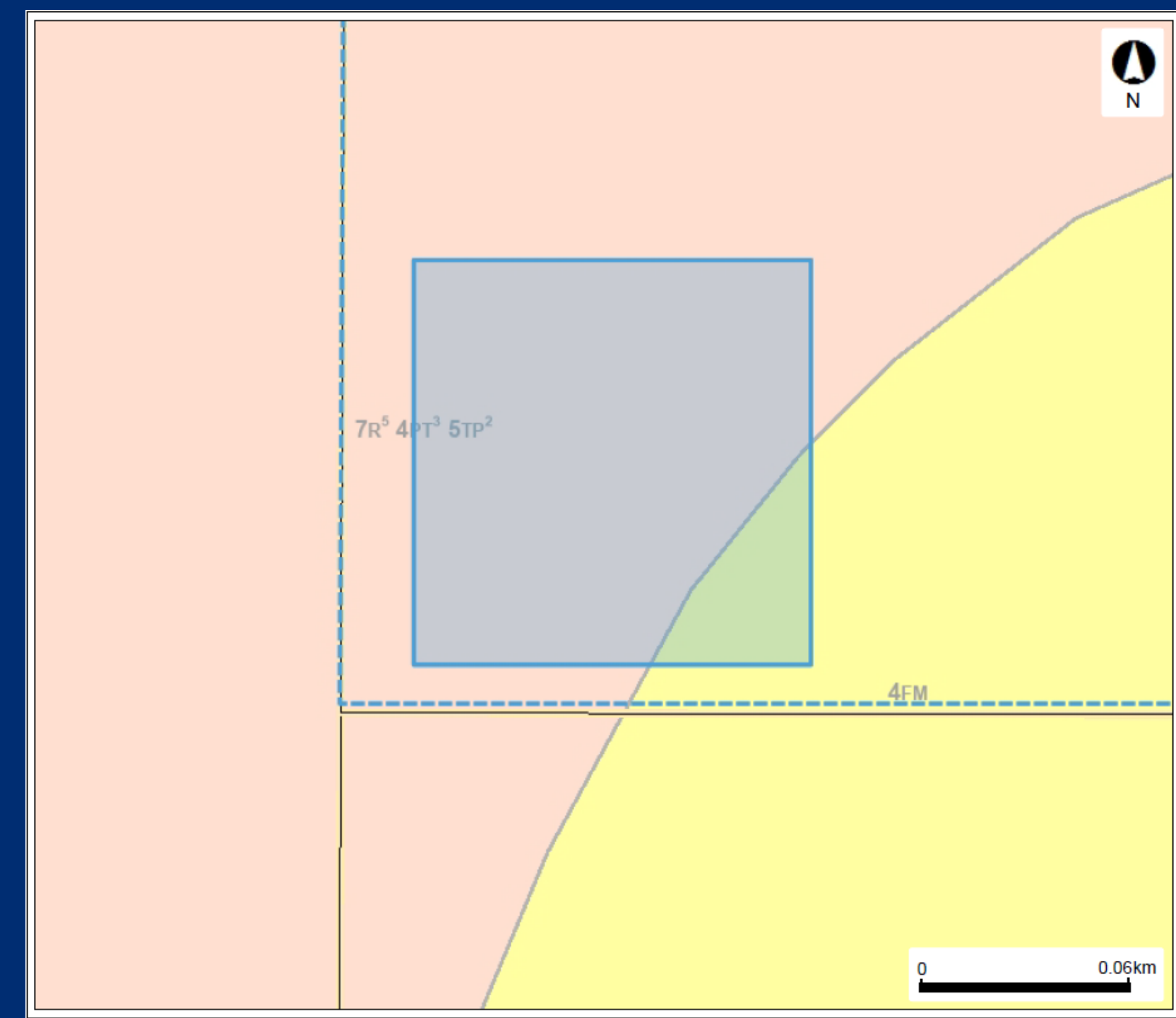
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Legal Description: PCL 4723 SEC SWS; PART LOT 9 CON 6 MERRITT AS IN WP2442 EXCEPT LT50154, LT122196, LT138959, LT143982 & LT161623; S/T D168, LT91813 SUBJECT TO AN EASEMENT OVER PARTS 1, 2, 3, 4 & 5 PLAN 53R20599 AS IN SD312577 SUBJECT TO AN EASEMENT IN GROSS OVER PART 1 PLAN 53R20657 AS IN SD318365 TOWN OF ESPANOLA



Privately owned parcel.

Agricultural Classification (CLI) of site is 7R/4PT/5TP/4FM (non-prime).



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